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Entry 8638 of 16th January 1986,
first author should read 'A. Pantinakis

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Alde, D., Binon, F., Bricman, C., Donskov, S.V., Dufournaud, J., Gouanere, M., Inyakin, A.V., Kachanov, V.A., Kakauridze, D.B., Khaustov, G.V., Knapp, E.A., Kulik, A.V., Lagnaux, J.P., Lednev, A.A., Mikhailov, Y.V., Mouthuy, T., Obraztsov, V.F., Peigneux, J.P., Possoz, A., Prokoshkin, Y.D., Rodnov, Y.V., Sadovsky, S.A., Samoylenko, V.D., Shagin, P.M., Shtannikov, A.V., Sillou, D., Singovsky, A.V., Stroot, J.P., Sugonyaev, V.P. 2.22 GeV $\eta\eta'$ structure observed in 38 GeV/c and 100 GeV/c π^-p collisions 6−120593
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Aberrations of optical systems; W.T.Welford, [Bristol, England: Adam Hilger 1986] 88450
Amorphous solids and the liquid state; *N.H.March, R.A.Street, M.Tosi (editor/s),* [New York, USA: Plenum 1985] 88448
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Anthropic cosmological principle; J.D.Barrow, F.J.Tipler, [Oxford, England: Clarendon Press 1986] 106002
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Atlas of historical eclipse maps. East Asia 1500 BC - AD 1900; F.R.Stephenson, M.A.Houlden, [Cambridge, England: Cambridge 1986] 78593
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Changing climate: report of the carbon dioxide assessment committee; [Washington, DC, USA: National Academy Press 1983] 109704
Computational methods for fluid flow (Corrected second printing); R.Peyret, T.D.Taylor, [New York, USA: Springer-Verlag 1985] 78601
Continuum theories in solid Earth physics; *R.Teisseyre (editor/s), A.Dziembowska, J.Gibowicz, S.Gibowicz, P.Raczka (translator/s),* [Amsterdam, Netherlands: Elsevier 1986] 73483
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General catalogue of variable stars. Fourth edition containing information on variable stars discovered and designated till 1982. Vol.1. Constellations Andromeda-Crux; *P.N.Kholopov (editor/s),* [Moscow, USSR: 'Nauka' Publishing House 1985] 73477
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Geology of the Atlantic Ocean; K.O.Emery, E.Uchupi, [New York, USA: Springer-Verlag 1984] 98057
Geophysical methods in geology. Second edition; P.V.Sharma, [New York, USA: Elsevier 1986] 124333
Global marine pollution bibliography. Ocean dumping of municipal and industrial wastes; M.A.Champ, P.K.Park, [New York, USA: IFI/Plenum 1982] 124342
Group theory for atoms, molecules and solids; B.S.Wherrett, [Englewood Cliffs, NJ, USA: Prentice-Hall 1986] 83732
Handbook for the white light observation of solar phenomena; R.Hill, [Las Cruces, NM, USA: Assoc. Lunar & Planetary Obs. 1984] 88440
Handbook on the physics and chemistry of the actinides. Vol.3; *A.J.Freeman, C.Keller (editor/s),* [Amsterdam, Netherlands: North-Holland 1985] 78592
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Boron, borides, carbides, nitrides and related compounds; Tbilisi, USSR, 8-12 Oct. 1984, [March 1986] 88407 (introductory abstract), 90771, 90789, 90826, 90856−9, 90916, 91014, 91042, 91061, 91093, 91102, 91105, 91279, 91435, 91441, 91612, 92016, 92184, 94710, 95447, 95465−7, 95517, 95522, 95590, 95649, 95703−4, 95708, 95765, 96044, 96093, 96475, 96779, 96959−60, 96991, 99735, 99803, 99994, 100109, 100188, 100382−3, 100388, 100407, 100451, 100478−9, 100553, 100612−13, 100663, 100672

Boron-rich solids; Albuquerque, NM, USA, 29-31 July 1985, *(APS; Callery Chem.; Eagle-Picher Ind.; et al)* [1986] 105982 (introductory abstract), 106937, 107651, 107718−19, 107721, 107732−7, 107763, 107844−5, 107867, 107925, 108063, 108065, 108076, 108094, 108135−8, 108144, 108152, 108164, 108271, 108329, 108346, 108419, 108552, 108578, 108592−3

Boundary element technology; Cambridge, MA, USA, June 1986, *J.J.Connor, C.A.Brebbia (editor/s),* [Southampton, England: Comput. Mech. Publications 1986] 109698 (introductory abstract), 109778, 109795−7, 111294−6, 111609, 111620, 111632−3, 111656−8, 111672, 111731−5, 111747, 111771−2, 111777, 111788, 111890, 111958−9, 113954−5, 114193, 115192

Brazilian nuclear energy congress; Rio de Janeiro, Brazil, 17-20 March 1986, [Rio de Janeiro, Brazil: Assoc. Brasileira de Energia Nucl. 1986] 119995 (introductory abstract),

Broken symmetry in condensed matter physics and field theory; Gwatt, Switzerland, Oct. 1985, [1986] 115741 (introductory abstract), 115857, 115932, 115946, 116006, 116132−3, 116178, 116229, 116698, 117920, 118443, 118528, 118556, 118654

Calibration of fundamental stellar quantities; Como, Italy, 24-29 May 1984, *(IAU) D.S.Hayes, L.E.Pasinetti, A.G.Davis Philip (editor/s),* [Dordrecht, Netherlands: Reidel 1984] 73459 (introductory abstract),

Canadian nuclear fuel waste management program; Winnipeg, Man., Canada, 1-2 Oct. 1985, [Pinawa, Man., Canada: AECL Jan. 1986] 105992 (introductory abstract), 102396−410, 104999−5000, 105051, 105054−6, 105068, 105362, 105562−3, 106782−93

Carbon and coal gasification; Alvor, Portugal, 20-31 May 1985, *(NATO) J.L.Figueiredo, J.A.Moulijn (editor/s),* [Dordrecht, Netherlands: Martinus Nijhoff 1986] 105996 (introductory abstract),

Carbon fibres; London, England, 8-10 Oct. 1985, [London, England: Plastics & Rubber Inst. 1985] 88422 (introductory abstract),

Casting of superalloys; London, England, 27 Feb. 1985, [May 1986] 93560 (introductory abstract), 96877−8, 96964

Catastrophic disruption of asteroids and satellites; Pisa, Italy, 30 July-2 Aug. 1985, [1986] 119983 (introductory abstract),

Cellular mechanisms in hearing; Karlskoga, Sweden, 2-6 Sept. 1985, *(Nobel Found)* [1986] 105988 (introductory abstract), 109002−15

Chemistry of the organic solid state; Crete, Greece, 7-12 July 1985, [1986] 83705 (introductory abstract), 85766, 85858, 86130, 86203, 86205, 86232, 86267, 86529, 86720, 86795, 86858, 86921, 87334, 87364, 87447

Chemistry of the organic solid state; Crete, Greece, 7-12 July 1985, [1986] 120201, 122150, 122203, 122235−6, 122254, 122304−5, 122312, 122436, 122539, 122634, 122768−9, 122800, 122984, 123068, 123084−6, 123509, 123589

Chemometrics; Gaithersburg, MD, USA, 20-22 May 1985, *(American Chem. Soc.; American Stat. Assoc.; Inst. Math. Stat.; Soc. Applied Spectrosc)* [Nov.-Dec. 1985] 112176, 112244

Cherenkov detectors; Moscow and Troitsk, USSR, 11-17 July 1984, [15 July 1986] 109691 (introductory abstract), 110782−4, 110814−30, 111318−24, 114347, 114710−11, 114788, 115284, 115404−9

Circuits and systems; Louisville, KY, USA, 19-20 Aug. 1985, *(Univ. Louisville) J.D.Cole, E.J.Miller (editor/s),* [Louisville, KY, USA: Univ. Louisville 1985] 103105, 103155, 105504, 105564−5

Circuits and systems 1985; Kyoto, Japan, 5-7 June 1985, *(IEEE; IECE (Japan))* [New York, USA: IEEE 1985] 109195, 109275, 114300, 119420

Circuits and systems 1986; San Jose, CA, USA, 5-7 May 1986, *(IEEE)* [New York, USA: IEEE 1986] 117018, 121415, 121826, 123795

Cloud physics; Castle Ebernburg/Bad Munster a. St., Germany, 15-17 May 1984, [June 1986] 119984 (introductory abstract),

Cluster physics; Cap d'Agde, France, 13-25 June 1982, *(NATO) J.Davenas, P.M.Rabette (editor/s),* [Dordrecht, Netherlands: Martinus Nijhoff 1986] 98025 (introductory abstract),

Colour in computer generated displays; Toronto, Ont., Canada, 19-20 June 1986, *(ACM; Canadian Soc. Colour; Kodak Res. Labs.; et al)* [1986] 120299−300, 123625, 123672, 123732, 123745−6

Columbus I - utilization aspects; Capri, Italy, 17-21 June 1985, [1986] 115739 (introductory abstract),

Communication, control, and computing; Monticello, IL, USA, 2-4 Oct. 1985, *(Univ. Illinois)* [Urbana-Champaign, IL, USA: Univ. Illinois 1985] 114631, 117137, 119249

Communication satellite systems; San Diego, CA, USA, 17-20 March 1986, *(AIAA; Inst. Electron. & Commun. Eng. Japan; Deutsche Gesellschaft Luft-Und Ruamfahrt; et al)* [New York, USA: AIAA 1986] 109437

COMPINT 85; Montreal, Que., Canada, 8-12 Sept. 1985, *(IEEE)* [Washington, DC, USA: IEEE Comput. Soc. Press 1985] 79404, 83001, 88070

Composite structures; Paisley, Scotland, 9-11 Sept. 1985, *(Scottish Dev. Agency; Nat. Eng. Lab.; USAF; US Army Res. & Dev. Stand. Group-UK) I.H.Marshall (editor/s),* [Barking, Essex, England: Elsevier 1985] 73458 (introductory abstract),

Computation of electromagnetic fields; Fort Collins, CO, USA, 3-6 June 1985, *(IEEE)* [Nov. 1985] 74450−1, 74922, 74930−3, 75309

Computational quantum chemistry; Marineland, FL, USA, 18-23 March 1985, [1985] 98028 (introductory abstract), 98066, 98101−3, 98331, 98421, 98768, 98770−1, 98778−94, 98807, 98818−21, 98827−8, 98837, 98853, 98870, 98878, 98902, 98915, 98921, 98923, 98932, 98940, 99034, 99566, 99610, 99716, 99842, 99855, 99857−8, 99909−11, 99922−4, 99930, 99934, 99957, 100035, 100351, 100356−7, 100666−7

Computer aided methods in radiation protection; Budapest, Hungary, 22-25 Oct. 1985, [1986] 78552 (introductory abstract), 74435−40, 74488, 74499, 74543, 77792−7, 77808−12, 79439, 79511−25, 82737, 82742, 82761−2, 82961−9, 82986−93, 83190

Computer algebra; Linz, Austria, 1-3 April 1985, *B.Buchberger (editor/s),* [Berlin, Germany: Springer-Verlag 1985] 115810, 115824, 115894−5, 116842

Computer applications in medical care; Baltimore, MD, USA, 10-13 Nov. 1985, *(IEEE)* [March 1986] 87276, 87495, 87686

Computer applications in medical care; Baltimore, MD, USA, 10-13 Nov. 1985, *(IEEE) M.J.Ackerman (editor/s),* [Washington, DC, USA: IEEE Comput. Soc. Press 1985] 82670, 82898, 82954, 83022−3, 87441, 87484, 87501−2, 87664−5, 87707−8, 87775−7, 87783−4

Computer assisted radiology; Berlin, Germany, 26-29 June 1985, *H.U.Lemke, M.L.Rhodes, C.C.Jaffee, R.Felix (editor/s),* [Berlin, Germany: Springer-Verlag 1985] 101445 (introductory abstract),

Computer science; Cincinnati, OH, USA, 4-6 Feb. 1986, *(ACM)* [New York, USA: ACM 1986] 92355

Computer systems architecture and operation; Stuttgart, Germany, 10-12 March 1986, *(NTG; GI; IEEE)* [1986] 120343

Computers and communications; Scottsdale, AZ, USA, 20-22 March 1985, *(IEEE; Arizona State Univ)* [Silver Spring, MD, USA: IEEE Comput. Soc. Press 1985] 86040

Continuous system simulation languages; San Diego, CA, USA, 23-25 Jan. 1986, *F.E.Cellier (editor/s),* [San Diego, CA, USA: SCS 1986] 84285, 85388

Controls West conference 1985; Long Beach, CA, USA, 16-18 Sept. 1985, [Wheaton, IL, USA: Tower Conference Manage. Co. 1985] 74361

Cosmic radiation in astrophysics; Erice, Sicily, Italy, Nov. 1984, *(NATO) M.M.Shapiro (editor/s),* [Dordrecht, Netherlands: Reidel 1986] 98043 (introductory abstract),

Coupled ocean-atmosphere models; Liege, Belgium, 7-11 May 1984, *J.C.J.Nihoul (editor/s),* [Amsterdam, Netherlands: Elsevier 1985] 97644 (introductory abstract),

Crustal lineaments and geological history of continental lithosphere; London, England, 28-29 March 1985, [1986] 115748 (introductory abstract),

Custom and semi-custom ICs; London, England, 6-8 Nov. 1984, [Saffron Walden, Essex, England: Prodex 1984] 77827

Custom integrated circuits 1986; Rochester, NY, USA, 12-15 May 1986, *(IEEE)* [New York, USA: IEEE 1986] 124563, 124583−4

Decision and control; Fort Lauderdale, FL, USA, 11-13 Dec. 1985, *(IEEE)* [New York, USA: IEEE 1985] 98076−7, 98528, 100918, 101040, 103301, 103583, 105342

Deep knowledge in expert systems; Brighton, Sussex, 10-12 July 1986, [London, England: Alvey Directorate 1985] 106005, 106040

Deformation, plastic instability and damage in metals; Orsay, France, May 1985, [1986] 109669 (introductory abstract), 112260, 112440−5, 114042−4, 114064−9

Dielectric materials; Xian, China, 24-29 June 1985, *(IEEE; Xian Jiaotong Univ.; Chinese Electrotech. Soc)* [New York, USA: IEEE 1985] 115754 (introductory abstract), 116062−3, 117676, 117858, 118265, 118493, 118535, 118545−52, 118561, 118615, 122543, 122654, 122802, 122873, 123020−2, 123026, 123028−30, 123036, 123539, 123754, 126303−8, 127423, 127432−4, 127436−7, 127791

Digital communications; Tirrenia, Italy, 2-6 Sept. 1985, *(Consiglio Nazionale Richerche; IEEE; Politecnico Torino; Univ. Pisa) E.Biglieri, G.Prati (editor/s),* [Amsterdam, Netherlands: North-Holland 1986] 107242−3

Dislocations in solids; Tokyo, Japan, 27-31 Aug. 1984, *(Yamada Sci. Found) H.Suzuki, T.Ninomiya, K.Sumino, S.Takeuchi (editor/s),* [Tokyo, Japan: Univ. Tokyo Press 1985] 88425 (introductory abstract),

Display device technology; London, England, 29-31 Oct. 1985, [Buckingham, England: Network Events 1985] 92899

Distributed optical fibre sensors; London, England, 12 May 1986, *(IEE)* [London, England: IEE 1986] 88435 (introductory abstract), 90315−27

Dry etching and plasma deposition in microelectronics; Cachan, France, 26-29 Nov. 1985, *(Union Int. Sci. & Tech. & Applications du Vide; Ministere Redeploiement Ind. & Commerce Exterieur; Minstre Recherche & Technol)* [Nov.-Dec. 1985] 101443 (introductory abstract), 104854, 104868−73, 107631, 107778, 108043, 108507, 108682, 108706−8

Dust on Mars; Tempe, AZ, USA, 4-5 Feb. 1985, *(Lunar & Planetary Inst)* [April 1986] 105703−4, 105729−37

Dynamical and electronic properties of condensed matter; Priorij Corsendonk, Belgium, 16-27 July 1984, *(NATO) J.T.Devreese, P.Van Camp (editor/s),* [New York, USA: Plenum 1985] 88401 (introductory abstract),

Dynamical systems, nonlinear phenomena and chaos; Malvern, Worcs., England, 23-25 April 1985, *S.Sarkar (editor/s),* [Bristol, England: Adam Hilger 1986] 98047 (introductory abstract), 98078, 98091, 98118, 98170−1, 98206, 99051, 99085, 99171, 99190, 99372, 99431, 100670

Earthquake prediction; Paris, France, 2-6 April 1979, [Paris, France: UNESCO 1984] 98041 (introductory abstract),

Electrets; Heidelberg, Germany, 4-6 Sept. 1985, *(IEEE; EPS; German Phys. Soc) G.M.Sessler, R.Gerhard-Multhaupt (editor/s),* [New York, USA: IEEE 1985] 98035 (introductory abstract), 88709, 88746−7, 89473, 90748, 90810, 90920, 91074, 91114, 91131, 91400, 91406−7, 91433, 91459−61, 91531, 91745−66, 91770−7, 91779−86, 91789, 91791−2, 91801−4, 91807, 91809, 91904, 91939, 92538−41, 92608, 95720, 96049−50, 96060, 96068−9, 96455, 96462−73, 96478−80, 96484−5, 96517, 98195, 98214, 98703−4, 98750, 98760−3, 99275−7, 99611, 99693, 99731, 99999−0, 100008, 100081, 100212−26, 100233, 100372, 100769−70, 100806, 100854, 100939

Electric ceramics; London, England, 17-18 Dec. 1984, [Oct. 1985] 73445 (introductory abstract), 73765, 76222−3, 76543, 76560, 76877, 76888, 76891, 76918−19, 77163, 77194−9

Electrical/electronics insulation; Boston, MA, USA, 30 Sept.-3 Oct. 1985, *(IEEE; Nat. Electr. Manuf. Assoc)* [New York. USA: IEEE 1985] 110022, 110061, 113129, 113575, 113988, 114058, 114249, 114405−6

Electro/85; New York, NY, USA, 23-25 April 1985, *(IEEE; METSAC; ERA)* [Los Angeles, CA, USA: Electron. Conventions Manage. 1985] 82923, 82936, 83021, 83037, 85058, 85085

Electrochemical corrosion testing; Ferrara, Italy, 11-13 Sept. 1985, *(Eur. Federation Corrosion; Electrochem. Soc) E.Heitz, J.C.Rowlands, F.Mansfield (editor/s),* [Frankfurt am Main, Germany: Dechema 1986] 124323 (introductory abstract),

Electrochemical sensors; London, England, 10 April 1986, *(IEE)* [London, England: IEE 1986] 93573 (introductory abstract), 97426-34

Electromagnetic induction in Earth and Moon; Ile Ife, Nigeria, 15-22 Aug. 1984, *(Int. Union Geodesy & Geophys.; Nigerian Union Planetary & Radio Sci.; Int. Assoc. Geomagnetism & Aeronomy; et al)* [April 1986] 101429 (introductory abstract), 105291-6, 105380

Electron devices; Washington, DC, USA, 1-4 Dec. 1985, *(IEEE)* [New York, USA: IEEE 1985] 84849, 84896, 84902, 86316, 86339, 87258, 88748, 90147-9, 90314, 91408, 92490, 92837

Electron dynamics in charge-ordered crystals; Chernogolovka, USSR, 1-5 July 1984, [1985] 93555 (introductory abstract), 95917, 95997, 96009, 96286, 96408, 96430

Electronic and atomic collisions; Palo Alto, CA, USA, 24-30 July 1985, *M.J.Coggiola, D.L.Huestis, R.P.Saxon (editor/s),* [Amsterdam, Netherlands: North-Holland 1985] 73942-3, 74607, 74623, 74627, 74640-4, 74663, 74670-1, 74679-81, 74803-34, 74838-909, 78597, 78718, 79643, 79680, 79719-20, 79726-7, 79735, 79743-6, 79756, 79786, 79888, 79906-7, 79913-15, 79929-64, 79971-2, 79974-92, 80000-8, 80019-47, 80051-74, 80078, 80084-96, 80656, 80662, 80670, 82631, 83431, 83474, 93966, 94628, 94645-6, 94651, 94755, 94768-72, 94781-824, 94829-89, 94898, 96756-7, 97689, 98235, 98283, 98459, 98834, 98843, 98850, 98857-8, 98872, 98934-5, 98942-56, 98960-9, 98972-9, 98982-9005, 99018, 99563, 100039, 100361-2, 100676-82, 101579, 102648, 102674, 102689, 102693, 102760, 102837, 102839-41, 102852-63, 102870-82, 104931-5, 106282, 106307, 106323-4, 106919, 106959, 106970, 106980, 106989, 106991-2, 107050, 107097, 107100, 107110-14, 107118, 107133-6, 107142, 107156, 107165-6, 107171, 107180-1, 107187-9, 107206-7, 107213, 107217, 107618-19, 109716-17, 109856, 110120, 110852, 110929, 110935, 110941-2, 110989-92, 111188, 111200-4, 111221-3, 111228-30, 111232, 111241-8, 111259-60, 111290, 112025

Electronic components; Seattle, WA, USA, 5-7 May 1986, *(IEEE; Electron. Ind. Assoc)* [New York, USA: IEEE 1986] 118371

Electronic materials and processing; Houston, TX, USA, 19-21 Nov. 1985, [1986] 102948, 103034, 103771, 103951, 104188, 104190, 104214, 104246, 104287, 104333, 104659

Electronic properties of two-dimensional systems; Kyoto, Japan, 9-13 Sept. 1985, *(Yamada Sci. Found)* [April 1986] 93562 (introductory abstract), 95519, 95746, 95750-3, 95757, 95915, 95920-30, 95935, 95993, 96023-4, 96029, 96059, 96077-82, 96119-20, 96128, 96175-221, 96242, 96253-68, 96287, 96395-6, 96633-5, 96683, 96708-12, 96747

Electronic structure of metals and alloys; Johnsbach, Germany, 15-19 April 1985, *P.Ziesche (editor/s),* [Dresden, Germany: Tech. Univ. Dresden 1985] 88430 (introductory abstract),

Electrophysiology of optic disc and optic nerve disease; Mie, Japan, 22-25 May 1985, [16 June 1986] 109674 (introductory abstract), 114613-18

Electrostatic and associated linear accelerators; Argonne, IL, USA, 21-24 Oct. 1985, *(Argonne Nat. Lab.; Univ. Chicago)* [May 1986] 88411 (introductory abstract), 88802-5, 89474-92, 89494, 89518, 93812-13, 93817, 93823-4, 93847, 93860-4, 93868, 93877-9, 93936-7, 93957-63, 93985-6, 94473-6, 94481, 94489-90, 94566, 94890, 95272-3, 95349, 96806, 96995, 97151, 97435

Engineering and computing in health care; Chicago, IL, USA, 27-30 Sept. 1985, *(IEEE) J.C.Lin, B.N.Feinberg (editor/s),* [New York, USA: IEEE 1985] 88419 (introductory abstract), 92561-2, 92592-3, 92611-12, 92632, 92693, 92715-23, 92748-51, 92762, 92805, 92811, 92830-6, 92860-1, 92865-6, 92884-8, 93617, 93884, 97240, 97248-9, 97254, 97259-62, 97271-3, 97298-9, 97304-18, 97320-1, 97324, 97329, 97348-52, 97357-65, 97399, 97403, 97406-25, 97438-50, 97456-61, 97464-8, 98062, 100768, 100788-9, 100795, 100800-2, 100809, 100821, 100855-6, 100864, 100884-8, 100904-17, 100926-8, 100930, 100940-6, 100959-67, 108886-7, 108945-7, 108965-7, 108981-5, 109045, 109077-80, 109129-33, 109151, 109172-7, 109196, 109199, 109207-13, 109222-4

Engineering of knowledge-based systems; Miami Beach, FL, USA, 11-13 Dec. 1985, *(IEEE)* [Washington, DC, USA: IEEE Comput. Soc. Press 1985] 78623, 82854, 83346

Environmental information in engineering; Melbourne, Vic., Australia, 17-19 March 1986, *(Instn. Eng., Australia; Environ. Production Authority Victoria)* [Barton, ACT, Australia: Instn. Eng., Australia 1986] 105998 (introductory abstract),

Epitaxy and passivation of III-V compounds; Plestin les Greves, France, 23-24 April 1986, [March-April 1986] 88414 (introductory abstract),

ERG components origin; Mie, Japan, 22-25 May 1985, [15 July 1986] 115738 (introductory abstract), 119185-91, 119205, 119375-7

Evolution of the Martian atmosphere; Honolulu, HI, USA, 9-10 Aug. 1985, *(Lunar & Planetary Inst) M.Carr, P.James, C.Leovy, R.Pepin, J.Pollack (editor/s),* [Houston, TX, USA: Lunar & Planetary Inst. 1986] 120000 (introductory abstract),

EXAFS and allied phenomena; Bhopal, India, 19-21 July 1985, *(M.P. Council of Sci. & Technol, Bhopal) N.N.Saxena (editor/s),* [Bhopal, India: Motilal Vigyan Mahavidyalaya 1985] 73468 (introductory abstract),

Exoelectron emission and applications; Osaka, Japan, 25-30 Aug. 1985, *(Japan Soc. Appl. Phys.)* [1985] 109690 (introductory abstract), 106303-4, 106797-8, 106846-9, 106885-6, 106900-1, 107761, 107814, 107820, 108179, 108463, 108517-45, 108736, 110787, 113847-72, 114875

Experimental NMR; Asilomar, CA, USA, 21-25 April 1985, [Asilomar, CA, USA: ENC Inc. 1985] 88417 (introductory abstract),

Expert systems and their applications 1986; Avignon, France, 28-30 April 1986, [Paris la Defense, France: Agence Inf. 1986] 116563, 119095

Expert systems in government; McLean, VA, USA, 24-25 Oct. 1985, *(IEEE; MITRE Corp.; AIAA) K.N.Karna (editor/s),* [Washington, DC, USA: IEEE Comput Soc. Press 1985] 74549, 75272, 75463, 77623, 77839, 78140-1, 78220

Fast breeder reactors; Lyons, France, 22-26 July 1985, [Vienna, Austria: IAEA 1986] 109696 (introductory abstract), 110592-625, 110641-50, 110654, 110677-701, 110722-5, 112405, 114164-6, 114294, 114420

Fast electrical and optical measurements; Castelvecchio Pascoli, Italy, 10-24 July 1983, *(NATO) J.E.Thompson, L.H.Luessen (editor/s),* [Dordrecht, Netherlands: Martinus Nijhoff 1986] 101444 (introductory abstract), 101702, 101705-6, 101709, 101711-12, 101735-6, 101743, 101771-2, 101796-8, 101806, 101836-7, 102437, 102560-2, 102896, 103154, 103574-82

Fast ion and mixed conductors; Roskilde, Denmark, 9-13 Sept. 1985, *F.W.Poulsen, N.Hessel Andersen, K.Clausen, S.Skaarup, O.Toft Sorensen (editor/s),* [Roskilde, Denmark: Riso Nat. Lab. 1985] 124322 (introductory abstract),

Ferroelectric materials and their applications; Kyoto, Japan, 29-31 May 1985, [1985] 83704 (introductory abstract), 83952-3, 83989, 85017-18, 85022, 85042, 85576, 85587-8, 85694, 86101-2, 86665-72, 86681, 86695, 86699, 86701, 86709, 86714-15, 86737, 86743-7, 86919, 86925, 86933-7, 86978-9, 87131

Ferroelectricity; Kobe, Japan, 12-16 Aug. 1985, *(IUPAP; Int. Union Crystallogr.; Crystallogr. Soc. Japan)* [1985] 93559 (introductory abstract), 93750, 93773, 93796-8, 93821, 93856, 93859, 93909, 93927-8, 95016, 95019-20, 95024, 95028, 95069, 95072-3, 95395-400, 95423, 95426, 95442-3, 95468-70, 95518, 95570, 95579-81, 95596-8, 95606-9, 95619-21, 95627-30, 95641, 95651-70, 95681, 95692, 95699-700, 95718, 95840, 95888-90, 96096-8, 96290-1, 96305-6, 96383, 96390, 96447-50, 96460-1, 96486-7, 96490-505, 96511-16, 96518-25, 96536-83, 96591-604, 96607, 96616-17, 96621, 96626-8, 96647-61, 96673-4, 96678, 96700-1, 96731, 96739-40, 96776, 96786, 96848-53, 97173, 97258, 97296, 97469, 99601, 99614, 99620-1, 99637-9, 99643-5, 99736-8, 99740-1, 99747, 99749, 99778-80, 99799, 99804-5, 99809, 99832-3, 99890-1, 99968-9, 100160, 100162, 100172-4, 100177-8, 100201-10, 100228-31, 100234, 100236-52, 100255-6, 100259, 100263, 100268, 100305, 100348, 100396-7, 103705-6, 103715, 103718, 103800, 103833, 103849, 103870, 104347, 104370, 104395-8, 104402, 104412, 104414-15, 104422-31, 104435-6, 104458-9, 104470, 104489

Field emission; Wheeling, WV, USA, 14-19 July 1985, *(USDOE; NSF; VG Instrum)* [March 1986] 88408 (introductory abstract), 88794-5, 89500-2, 90613, 90757-8, 90795, 90808, 90837, 90907-8, 91094-6, 91120-1, 91161, 91164, 91189-93, 91227, 91258, 91280, 91453, 91462, 91973-8, 91998, 92049, 92088-95, 92101, 92107-8, 92131, 92185, 92390, 92410-13, 92421, 98285-93, 99588, 99618-19, 99844-5, 100377, 100640, 100698-700

Fission product behaviour, source term research; Snowbird, UT, USA, 15-19 July 1985, *(ANS; EPRI; Atomic Energy Soc. Japan; Canadian Nucl. Soc.; et al) M.F.Huebner (editor/s),* [Palo Alto, CA, USA: EPRI 1985] 125075-6, 125110-55, 126691, 128013, 128027, 128038

Fluid transients in fluid-structure interaction; Miami Beach, FL, USA, 17-22 Nov. 1985, *(ASME)* [New York, USA: ASME 1985] 73461 (introductory abstract), 73535-6, 74362-5, 74389, 75447-8, 75568, 75575, 75580, 75651-2, 75683-4

Fourth Latin-American regional astronomy meeting; Rio de Janeiro, Brazil, 18-23 Nov. 1984, [Feb. 1986] 119990 (introductory abstract),

Fractals in physics; Trieste, Italy, 9-12 July 1985, *(Int. Center Theor. Phys.; IBM; US Office Naval Res.; et al) L.Pietronero, E.Tosatti (editor/s),* [Amsterdam, Netherlands: North-Holland 1986] 115761 (introductory abstract),

Fracture research; New Delhi, India, 4-10 Dec. 1984, *(Int. Congress on Fracture) S.R.Valluri, D.M.R.Taplin, P.Rama Rao, J.F.Knott, R.Dubey (editor/s),* [Oxford, England: Pergamon 1984] 75410-46, 76019, 76091-5, 77300-3, 77328-54, 77446-8, 80496-511, 81179, 81186-90, 82404, 82470-523, 82592, 85265-78, 85280, 85825, 85833-7, 87043-4, 87105-10, 87149-86, 87210-11, 87232-47, 87269-70, 87295, 87594, 87900-1, 89262, 89364, 90522-31, 90542-50, 90909, 90987, 90993-6, 90998, 92158-9, 92224-43, 92326-44, 92352-4, 92356, 92710, 92976

From nuclei to stars; Varenna, Italy, 18-23 June 1984, *A.Molinari, R.A.Ricci (editor/s),* [Amsterdam, Netherlands: North-Holland 1986] 115757 (introductory abstract), 116333-4, 116340-2, 116344, 116360, 116394, 116412, 116435, 116439, 119754, 119844-5, 119875

Frontiers of neutron scattering; Cambridge, MA, USA, 23-24 Sept. 1985, [1 March 1986] 83707 (introductory abstract), 83737, 83806-7, 83838, 84083, 84090, 84385-90, 84815-16, 85552-6, 85582, 85652, 85656, 85860, 86008, 86365, 86400, 86409-13, 86430, 86443, 86466, 87359, 87377, 87453

Fundamental astronomy and solar system dynamics; Austin, TX, USA, 27 March 1985, [Nov. 1985] 101430 (introductory abstract), 105518, 105687-91, 105712, 105722-4, 105740, 105742, 105933

Fundamental constants in physics and metrology; Braunschweig, Germany, 21-22 Oct. 1985, [1986] 101437 (introductory abstract), 101564-5, 101693-7, 101699-701, 101728-33, 101804, 101883, 101900, 104140-2, 104200

Fundamental processes in atomic collision physics; Santa Flavia, Italy, 10-21 Sept. 1984, *(NATO) H.Kleinpoppen, J.S.Briggs, H.O.Lutz (editor/s),* [New York, USA: Plenum 1985] 124324 (introductory abstract), 124431, 124680, 125336, 125366, 125371, 125378-84, 125387, 125462, 125478-9, 125485-9, 125503-8, 125515-18, 125527-9, 125535-42, 126274, 127646

Future development in technology: the year 2000; London, England, 4-6 April 1984, *M.A.Dorgham (editor/s),* [Geneva, Switzerland: Inderscience Enterprises 1985] 114409-10

Future of microstructure technology; Seabrook, SC, USA, 14-16 Oct. 1985, *(NSF; Air Force Office Sci. Res.; Office Naval Res.; Army Res. Office)* [1986] 101442 (introductory abstract), 104686

Future of microstructure technology; Seabrook, SC, USA, 14-16 Oct. 1985, *(NSF; Air Force Office Sci. Res.; Office Naval Res.; Army Res. Office)* [1986] 127066, 127169, 127649

Galactic accreting sources; Frascati, Italy, 1984, *F.Giovannelli (editor/s),* [Rome, Italy: Edizione Sci. Siderea 1985] 88431 (introductory abstract),

Gallium arsenide; Karuizawa, Japan, 23-26 Sept. 1985, *M.Fujimoto (editor/s),* [Bristol, England: Adam Hilger 1986] 98046 (introductory abstract), 94983, 94989, 95025, 95482-3, 95533, 95539, 95861, 95985-90, 96062, 96070, 96224-8, 96243-4, 96282, 96717, 96819-20, 97048-52, 99115-17, 99138-46, 99158, 99654-6, 99682, 99688-9, 99766, 99770, 99854, 99878-82, 99904-5, 99973, 100056-60, 100167, 100262, 100311, 100327-30, 100399-405, 100415-20, 100430-41, 100448

Gamma-ray bursts; Stanford, CA, USA, 30 July-3 Aug. 1984, *(Univ. California; Stanford Univ)* [1986] 105983 (introductory abstract),

General accelerator physics; Gif-sur-Yvette, France, 3-14 Sept. 1984, *(CERN) P.Bryant, S.Turner (editor/s),* [Geneva, Switzerland: CERN 27 Nov. 1985] 73454 (introductory abstract), 73490, 74474-87

General relativity and relativistic astrophysics; Halifax, NS, Canada, 25-27 April 1985, [Feb. 1986] 88403 (introductory abstract), 88596, 88606, 88619, 88630, 93218, 93238-41, 93413, 93543-6

Geodynamics of the Eurasia-Philippine Sea plate boundary; Taipei, Taiwan, 28-30 March 1984, *(Nat. Sci. Council; Assoc. Francaise Dev. Culturel & Sci. en Asie)* [1986] 105990 (introductory abstract),

Geometric aspects of Einstein equations and integral systems; Scheveningen, Netherlands, 26-31 Aug. 1984, *R.Martini (editor/s),* [Berlin, Germany: Springer-Verlag 1985] 124326 (introductory abstract), 124390-1, 124394, 124441-3, 124459, 124703-4, 124730

Geophysics and volcanism; Moscow, USSR, 4-14 Aug. 1984, [Oct. 1985] 98029 (introductory abstract),

Glacier mapping and surveying; Reykjavik, Iceland, 26-29 Aug. 1985, *(Iceland Glaciological Soc.; Univ. Iceland; Nat. Energy Authority; et al)* [1986] 109668 (introductory abstract),

Glass; Beijing, China, 3-7 Sept. 1984, [March 1986] 83702 (introductory abstract), 83890, 84365, 85565, 85606−32, 85830, 85845−6, 85892, 85934−6, 85942−3, 85960, 85974−5, 86025, 86540, 86549, 86718, 86725−8, 86761−2, 86791, 86800, 86824−8, 86988−98, 87129−30, 87202−7, 87281, 87297, 87300, 87330−2, 87344−5, 87357

Glasses and glass ceramics from gels; Montpellier, France, 12-14 Sept. 1985, [June 1986] 101435 (introductory abstract),

Global Weather Experiment and World Weather Watch; Geneva, Switzerland, 27-31 May 1985, *(WMO)* [Geneva, Switzerland: WMO April 1986] 115756 (introductory abstract),

GLOBECOM '85; New Orleans, LA, USA, 2-5 Dec. 1985, *(IEEE)* [New York, USA: IEEE 1985] 94916−17, 97453−4, 97635, 97720−1

Graphite intercalation compounds; Boston, MA, USA, 28-30 Nov. 1984, *(Mater. Res. Soc.; APS) P.C.Eklund, M.S.Dresselhaus, G.Dresselhaus (editor/s)*, [Pittsburgh, PA, USA: Mater. Res. Soc. 1984] 73469 (introductory abstract),

Guided optical structures in military environment; Istanbul, Turkey, 23-27 Sept. 1985, *H.Hodara, B.Crosignani (editor/s)*, [Neuilly-sur-Seine, France: AGARD May 1986] 119999 (introductory abstract), 121583, 121643, 121744−58, 121771−3, 125774

Hadron spectroscopy; Ibaraki, Japan, 5-6 Feb. 1985, *T.Inagaki, M.Kobayashi, T.Tsuru (editor/s)*, [Ibaraki, Japan: Nat. Lab. High Energy Phys. 1986] 73470 (introductory abstract), 74015, 74073−5, 74079

Hadrons and heavy ions; Cape Town, South Africa, 16-27 Jan. 1984, *(CSIR) W.D.Heiss (editor/s)*, [Berlin, Germany: Springer-Verlag 1985] 124325 (introductory abstract), 124747, 124765, 124840, 124844, 124849, 124855, 125030, 125561

Health Physics Society 31st annual meeting; Pittsburgh, PA, USA, 29 June-3 July 1986, [June 1986] 105987 (introductory abstract),

Heat and mass transfer; Minsk, USSR, Sept. 1984, *(A.V. Lykov Inst. Heat & Mass Transfer; Byelorussian Acad. Sci)* [March-April 1985] 98026 (introductory abstract), 99281−2, 99365, 99377, 99386−97, 99466−7, 99476, 99499, 100662

Heavy ion nuclear collisions in Fermi energy domain; Caen, France, 12-16 May 1986, [Aug. 1986] 119978 (introductory abstract), 120775−801, 124837, 124850−3, 124862, 124989−5002, 125034−5, 125039−40

Helium transfer in space; Boulder, CO, USA, 20-21 Aug. 1985, *(NASA Ames Res. Center)* [Feb. 1986] 73446 (introductory abstract), 73747−53, 75625−6, 78248−52

High energy lepton and photon interactions; Kyoto, Japan, 19-24 Aug. 1985, *(IUPAP; Sci. Council Japan; Phys. Soc. Japan) M.Konuma, K.Takahashi (editor/s)*, [Kyoto, Japan: Organ. Committee 1985 Int. Symposium Lepton & Photon Interactions at High Energies Feb. 1986] 73456 (introductory abstract), 73963, 73980−2, 74010−11, 74048, 74051−2, 74065, 74072, 74081, 74095−6, 74449, 74537

High pressure science and technology; Amsterdam, Netherlands, 8-11 July 1985, *(Int. Assoc. Adv. High Pressure Sci. & Technol; Eur. High Pressure Res. Group)* [May 1986] 109692 (introductory abstract), 103467, 103793−4, 103801−10, 103829, 103853−5, 103877, 106962, 107048, 107464, 107801, 107832, 107850, 108105−6, 108405−6, 108430−3, 108454−5, 108466, 108631, 110016, 110031, 110036−58, 110131, 111667, 111741, 112002, 112016, 112018, 112026, 112193, 112196−7, 112233−4, 112362, 112439, 112474−87, 112500, 112530−2, 112536, 112546−7, 112558−9, 112566−8, 112590−606, 112617−18, 112640−1, 112688, 112695, 112737−9, 112755−6, 112998, 113035, 113054−5, 113062, 113085−6, 113106, 113120−1, 113196−8, 113337, 113349, 113403, 113422, 113545−7, 113568, 113615, 113673−5, 113681, 113890−1, 113956−62, 113971, 113975, 114050, 114087−8, 114142, 114324, 114554, 114558, 114574−6, 114890−1, 116096, 116962, 117901, 118212, 118231, 118525, 118572, 118600−9, 118659, 119092

High resolution molecular spectroscopy; Riccione, Italy, 16-20 Sept. 1985, *(Univ. Degli Studi Bologna; CNR; Istituto Chimica Fisica & Spettroscopia (Bologna); et al) G.Nivellini, A.Trombetti, F.Tullini (editor/s)*, [Bologna, Italy: Cooperative Libraria Univ. Editrice Bologna 1985] 83712 (introductory abstract), 83729, 83947, 83966−7, 83970−1, 84423, 84517−30, 84534, 84543−64, 84592−617, 84632, 84637−9, 84645, 84660, 84670, 84677−80, 84696−9, 84732, 84754, 84768, 84872, 84888, 88026−8, 88077−8, 88752, 88785, 88787−8, 89684, 89740−2, 89791−807, 89812−19, 89827−43, 89866−88, 89894−5, 89900−2, 89906−7, 89910, 89917, 89923−5, 89929, 89943−6, 89950, 89956−7, 89966, 89969, 89973, 89989, 90010−11, 90049, 90129, 90135, 92452, 93079−80, 93126, 93939, 93944, 94606, 94662−3, 94670−2, 94677, 94687−99, 94724, 94727, 94730, 97755

High speed semiconductor devices and circuits; Ithaca, NY, USA, 29-31 July 1985, *(IEEE; Cornell Univ)* [New York, USA: IEEE 1985] 111439, 113265−6, 113321, 114267

High speed techniques in gas discharges; London, England, 25 April 1986, *(IEE)* [London, England: IEE 1986] 105997 (introductory abstract), 107259, 107641

Human factors and power plants; Monterey, CA, USA, 23-27 June 1985, *(IEEE) E.W.Hagen (editor/s)*, [New York, USA: IEEE 1985] 79343, 79388−93, 84299−301, 84341

Hydrogen in metals; Belfast, Northern Ireland, 26-29 March 1985, [1985] 88415 (introductory abstract),

Hydromechanics, heat and mass tranzfer in zero gravity; Chernogolovka, USSR, Jan.-Feb. 1984, [1985] 115742 (introductory abstract), 117423, 117448, 117541, 117969, 118709, 118719, 119024−30, 119373−4

IC fabrication and design; London, England, 12 March 1986, *(IEE)* [London, England: IEE 1986] 73817, 77120

ICAR 1985; Tokyo, Japan, 9-10 Sept. 1985, [Tokyo, Japan: Japan Ind. Robot Assoc. 1985] 83046

Ices in the solar system; Nice, France, 16-19 Jan. 1984, *(NATO) J.Klinger, D.Benest, A.Dollfus, R.Smoluchowski (editor/s)*, [Dordrecht, Netherlands: Reidel 1985] 78574 (introductory abstract),

IECE Japan 1986 national convention; Niigata, Japan, 23-26 March 1986, [April 1986] 119992 (introductory abstract), 120233, 121377, 121384−5, 121423−4, 121504, 121532−4, 121575−82, 121609, 121701, 121705−6, 121718, 121738−40, 121760, 122632, 122886, 122905−6, 123031

IECON '84; Tokyo, Japan, 22-26 Oct. 1984, *(IEEE; Soc. Instrum. & Control Eng. Japan)* [May 1986] 124576, 125086

IECON '85; San Francisco, CA, USA, 18-22 Nov. 1985, *(IEEE; Soc. Instrum. & Control Eng. Japan)* [New York, USA: IEEE 1985] 78851

IEEE 1986 Region 5 conference; Lafayette, LA, USA, 8-11 April 1986, *(IEEE)* [New York, USA: IEEE 1986] 99040, 100919, 100947

IEEE EASCON '85; Washington, DC, USA, 28-30 Oct. 1985, *(IEEE)* [New York, USA: IEEE 1985] 83711 (introductory abstract), 86931, 88073, 88112−22

Image storage; London, England, 22 April 1986, *(IEE)* [London, England: IEE 1986] 97722

Imaging; Arlington, VA, USA, 17-22 Nov. 1985, *(AGFA Gevaert; Eastman Kodak; E.I. du Pont de Nemours; et al)* [Springfield, VA, USA: Soc. Photographic Sci. & Eng. 1985] 119993 (introductory abstract), 120014−19, 120307−10, 120352−7, 121445−51, 123624, 123635−8, 123676

Imaging science; Chicago, IL, USA, 8-13 Sept. 1985, *(American Chem. Soc)* [March-April 1986] 109686 (introductory abstract), 110107−11, 110129

Indian nuclear physics conference; Bombay, India, 27-31 Dec. 1984, *(Board Res. Nucl. Sci.; DOE, India; Indian Nat. Sci. Acad) B.K.Jain, B.C.Sinha (editor/s)*, [Singapore: World Scientific 1985] 73944, 74184, 74225, 74254−60, 74536

Induced defects in insulators; Strasbourg, France, 5-8 June 1984, *(Council Eur.; Eur. Phys. Soc.; Agence Francaise pour la Maitrise de l'Energie; CNRS; et al) P.Mazzoldi (editor/s)*, [Les Ulis, France: Editions de Phys. 1984] 73462 (introductory abstract), 74423, 74434, 74977, 75230, 76037−8, 76046, 76051−2, 76056, 76069−72, 76189, 76247, 76486, 76655, 77210, 77432, 77534, 85031−2, 85595, 85750−1, 85774−5, 85800−1, 86181, 86288, 86358, 86808, 86846, 86850, 87303

Industrial control; Sydney, Australia, 12-14 May 1986, [Barton, ACT, Australia: Instn. Eng. Australia Feb. 1986] 116032

Industry Applications Society annual meeting; Toronto, Ont., Canada, 6-11 Oct. 1985, *(IEEE)* [New York, USA: IEEE 1985] 73757, 73857−9, 73879, 74422, 74433, 74535, 74927, 75551, 75608, 75650, 75682, 75696−8, 75828, 75887−9, 76614, 76902, 77496, 77591−2, 77618

Inelastic deformation and failure modes; Evanston, IL, USA, 18-21 Nov. 1984, [Dec. 1985] 73450 (introductory abstract), 75349, 76082−5

Inelastic ion-surface collisions; Gold Canyon Ranch, AZ, USA, 8-11 Jan. 1985, [April 1986] 78558 (introductory abstract), 81386, 82199−210, 82804, 83415, 83430

Influence of the interface and chemical composition on adhesion properties; Paris, France, 18 April 1985, [Aug.-Oct. 1985] 78564 (introductory abstract),

Information processing in medical imaging; Washington, DC, USA, 10-14 June 1985, *(Nat. Inst. Health) S.L.Bacharach (editor/s)*, [Dordrecht, Netherlands: Martinus Nijhoff 1986] 101454 (introductory abstract),

Infrared and millimeter waves; Lake Buena Vista, FL, USA, 9-13 Dec. 1985, *(IEEE; Int. Union of Radio Sci.; US Army Res. Office) R.J.Temkin (editor/s)*, [New York, USA: IEEE 1985] 93565 (introductory abstract),

Integrated global ocean monitoring; Tallin, USSR, 2-10 Oct. 1983, *(USSR State Committee Sci. & Technol.; USSR Acad. Sci.; USSR State Committee Hydrometeorology & Control Natural Environ)* [July 1986] 109675 (introductory abstract),

Integrated optics and optical communication; Venice, Italy, 1-4 Oct. 1985, [Genova, Italy: Istituto Int. Comunicazioni 1985] 75036−7, 75066−71, 75081, 75090, 75114, 75158, 75179−81, 75203−28, 75233, 75237−40, 80223−32, 80254−8, 80272, 80299, 80335−6, 80367−79, 84886−7, 84900−1, 84911−13, 84921−6, 84955, 84961, 85029−30, 85059−75, 85080, 85086, 85095, 90146, 90156, 90185−6, 90192, 90197, 90208, 90221, 90313

Intelligent measurement; Jena, Germany, 10-14 June 1986, *(IMEKO; Kammer Tech.; Friedrich-Schiller-Univ. Jena; et al) D.Hofmann (editor/s)*, [Budapest, Hungary: IMEKO 1986] 105261−2, 124561, 124570−1, 125278, 125789, 128306

Intermediate energy accelerators; Wako-shi, Saitama, Japan, 15 Oct. 1985, [June 1986] 119991 (introductory abstract), 120765, 120849, 120988, 121357, 122541, 122926, 123011−12

Intermediate energy electron and photon interactions; Bad Honnef, Germany, 29-31 Oct. 1984, *D.Menze, W.Pfeil, W.J.Schwille (editor/s)*, [Berlin, Germany: Springer-Verlag 1985] 124327 (introductory abstract), 124744, 124749, 124757−60, 124766, 124786−9, 124812, 124821−2, 124841−2, 124856−7, 124909, 124912, 125215−16, 125221−2, 125279, 125298

Internal friction and ultrasonic attenuation in solids; Urbana, IL, USA, 3-6 June 1985, *(Argonne Univ. Assoc.; DOE; NSF; Univ. Illinois)* [Dec. 1985] 75999, 76001, 76015−17, 76099, 76107−10, 76157−60, 76313, 77233, 77263−9, 77982−3

International reference ionosphere; Louvain-la-Neuve, Belgium, 28 Oct.-1 Nov. 1985, *(URSI; COSPAR)* [1985] 109667 (introductory abstract),

International user conference 1985; Scottsdale, AZ, USA, 24-27 Sept. 1985, *(General Electric CAE Int.; Structural Dynamics Res. Corp)* [Milford, OH, USA: General Electric CAE Int. 1985] 75552

Interplanetary dust; Marseille, France, 9-12 July 1984, *(IAU; COSPAR) R.H.Giese, P.Lamy (editor/s)*, [Dordrecht, Netherlands: Reidel 1985] 98042 (introductory abstract),

Ion beam analysis; Berlin, Germany, 7-12 July 1985, *(IUPAP; Eur. Phys. Soc.; Deutsche Phys. Gesellschaft)* [April 1986] 78559 (introductory abstract), 78864, 78941, 79563, 79601−3, 79629, 80655, 80934, 81008−12, 81032−5, 81084−94, 81139−55, 81273, 81342, 81454−5, 81485, 82157, 82213−26, 82239, 82573, 82666−7, 83882, 83889, 84353, 85591, 85722, 85738−9, 85744−7, 85755−9, 85761, 85767, 85797−8, 85803−5, 85993, 85997−8, 86051−2, 86073−4, 86104−9, 86652−3, 86877−82, 86886, 86891−3, 87036−7, 87209, 87226, 87365−75, 87436, 87438, 87466−7, 87808, 87910, 88062, 90946, 92422−44

Ion implantation in semiconductors; Balatonaliga, Hungary, 13-18 Oct. 1985, [16 March 1986] 78561 (introductory abstract), 80860−1, 81014−17, 81096−101, 81338, 81562, 81625−6, 81644, 84885, 85981, 86269, 86283, 86305−7, 86395, 86465, 86521, 86688, 86834, 86849, 86860−1, 86913

Ion implantation in semiconductors; Balatonaliga, Hungary, 13-18 Oct. 1985, [16 April 1986] 88797, 90918−19, 90951, 91269, 92310, 92447, 95312, 95495, 95528−31, 95534, 95845−8

Ion injectors; San Diego, CA, USA, 21-23 May 1985, [1986] 105981 (introductory abstract), 106802−3, 106808−19

Ion plating; Limoges, France, 25-26 Sept. 1985, [Jan.-Feb. 1986] 88413 (introductory abstract),

Ionosphere and radio wave propagation; Sydney, Australia, 11-15 Feb. 1985, *(URSI; Ionosphere Prediction Service)* [May-June 1986] 101441 (introductory abstract), 105542−6, 105609−17

Irradiation effects associated with ion implantation; Toronto, Ont., Canada, 14-15 Oct. 1985, *(TMS-AIME/MSD-ASM)* [June 1986] 98030 (introductory abstract), 98192, 99674−80, 99685−6, 99695, 99704−14, 99793, 99892, 100626

Israel nuclear societies 1986 annual meeting; Tel-Aviv, Israel, 17-18 Feb. 1986, *(Westinghouse Nucl. Int) A.Ketter, J.Szabo (editor/s)*, [Tel-Aviv, Israel: A. Artziely 1986] 78587 (introductory abstract), 79335−6, 79350−2, 79360−1, 79394−9, 79434−5, 79438, 79529−32, 79585−6, 79592−3, 79617, 80568, 80616−17, 81236, 82681, 82980−5, 82995, 83038

Italian astronomy and Space Telescope; Brugine, Padova, Italy, 8-9 Feb. 1984, [1985] 78556 (introductory abstract),

Japanese Society of Nuclear Medicine 25th annual meeting; Tokushima, Japan, 9-11 Oct. 1985, [May 1986] 115744 (introductory abstract),

Jets from stars and galaxies; Toronto, Ont., Canada, 24-27 June 1985, [April 1986] 109672 (introductory abstract), 115385−6, 115499, 115516−18, 115630−2, 115663−72, 115701, 115707, 119745−7, 119850−1, 119864−5, 119878, 119927−31, 119942−5, 119948

Jubilee of Meson theory; Kyoto, Japan, 15-17 Aug. 1985, [1985] 119989 (introductory abstract), 120022, 120106, 120134, 120432−3, 120463−4, 120487, 120501, 120507, 120535−6, 120538, 120540−2, 120551−2, 120555, 120581, 120632, 120961, 123706, 124069, 124307

Laminar and turbulent flow; Swansea, Wales, 9-12 July 1985, *(US Office Naval Res.) C.Taylor, M.D.Olson, P.M.Gresho, W.G.Habashi (editor/s),* [Swansea, Wales: Pineridge Press 1985] 84371, 85299−304, 85310, 85348−9, 85356, 85368−70, 85372−3, 85387, 85391−4, 85402, 85412, 85414, 85421−3, 87940−1, 88014, 88075, 95150, 95154, 95161, 95169−71, 95202, 95207, 97640−3

LAMPF Users Group meeting; Los Alamos, NM, USA, 4-5 Nov. 1985, [Los Alamos, NM, USA: Los Alamos Nat. Lab. Feb. 1986] 78588 (introductory abstract), 79135, 79143, 79538−40, 79560, 79587

Langmuir-Blodgett films; Schenectady, NY, USA, 1-4 July 1985, [Oct. 1985] 105991 (introductory abstract), 107298−300, 108004−8, 108160, 108225, 108255, 108392, 108439, 108458, 108474−7, 108830, 108916, 108958−60

Langmuir-Blodgett films; Schenectady, NY, USA, 1-4 July 1985, [Nov. 1985] 111136, 112768, 112846−8, 112883, 112930−41, 113524, 113763−4, 113791, 114325−7, 114348, 114555, 114577

Langmuir-Blodgett films; Schenectady, NY, USA, 1-4 July 1985, [20 Dec. 1985] 110017−18, 112726, 112769, 112849−60, 112942−4, 113589, 113765, 113895−6, 114168, 114328, 114578

Large high voltage electric systems; Paris, France, 29 Aug.-6 Sept. 1984, [Paris, France: CIGRE 1984] 82669, 87294

Laser induced damage in optical materials; Boulder, CO, USA, 14-16 Nov. 1983, *(NBS; ASTM; Office Naval Res.; USDOE; et al) H.E.Bennett, A.H.Guenther, D.Milam, B.E.Newman (editor/s),* [Gaithersburg, MD, USA: NBS Nov. 1985] 88434 (introductory abstract),

Laser interaction with matter; Rome, Italy, 18-22 Nov. 1985, [Aug.-Nov. 1986] 119982 (introductory abstract), 121419, 121569, 121620, 122010, 122035−8, 122048, 122050, 122068−74, 122079−80, 122095−6, 122115, 122399, 124116

Laser spectroscopy; Rehovot and Ein-Bokek, Dead Sea, Israel, 16-20 Dec. 1985, *(Israel Acad. Sci.; Weizmann Inst. Sci.; Hebrew Univ.; et al) Y.Prior, A.Ben-Reuven, M.Rosenbluh (editor/s),* [New York, USA: Plenum 1986] 119994 (introductory abstract), 120335, 120339, 120503, 121121, 121134−5, 121138−9, 121148−9, 121160, 121162−3, 121167, 121188, 121225−7, 121256, 121259, 121285, 121287, 121294, 121298, 121311, 121323, 121473, 121478, 121537−8, 121610, 121640−2, 121654−6, 121664, 121669−72, 122597, 122727, 123492, 123495, 125392, 125443−50, 125455−6, 125463, 127136, 127529, 127633, 128014−15, 128028−9

Lasers and optics; North Ryde, NSW, Australia, 26-30 Aug. 1985, [North Ryde, NSW, Australia: Macquarie Univ. 1985] 93568 (introductory abstract),

Lasers in atomic, molecular, and nuclear physics; Vilnius, USSR, 29 June-7 July 1981, [May-June 1985] 101436 (introductory abstract), 102671, 102679−80, 102690, 102696, 102707, 102819, 102847, 103629, 104944, 105089−91

Lasers in atomic, molecular, and nuclear physics; Vilnius, USSR, 29 June-7 July 1981, [July-Aug. 1986] 101698, 101814, 101977, 101985, 102008, 102481, 102733, 102903, 103065, 103080, 103764, 104050, 104122, 104411, 104447

Lightning protection; Munich, Germany, 16-20 Sept. 1985, [Berlin, Germany: VDE-Verlag 1985] 97636−9, 97683−5, 100755, 100807−8, 100820, 101080

Liquid crystal; York, England, 15-21 July 1984, *(Gordon & Breach)* [1985] 119985 (introductory abstract), 121630, 122163−76, 122380, 122404, 122451−3, 122510, 122513, 122994, 123065−6

Liquid crystal; York, England, 15-21 July 1984, *(Gordon & Breach)* [1985] 121650, 121950, 122177−84, 122454−62, 122496, 122503, 122514, 122990, 123017, 123025, 123067, 123095, 123238

Liquid crystal; York, England, 15-21 July 1984, *(Gordon & Breach)* [1985] 124582, 125715, 126346−54, 126528, 126700, 126709−14, 126764, 127390, 127420, 127427, 127457, 127475−6, 128199

Liquid crystal; York, England, 15-21 July 1984, *(Gordon & Breach)* [1985] 126355−60, 126595, 126715−18, 126728, 126817, 127469−72, 127477−9, 127701

Local tumor control; Rome, Italy, 12-16 May 1985, [April 1986] 109682 (introductory abstract), 114571, 114704−9, 114807, 114865

Low energy dislocation structures; Charlottesville, VA, USA, 10-14 Aug. 1986, *(NSF: Army Res. Office; Univ. Virginia)* [Aug. [illegible]] 124314 (introductory abstract), 126495−500, 126502−7, 12651[illegible]21, 126524−7, 126572, 126612−13, 126624−6, 126633, 126921, 127723, 127754, 127772, 127819−23, 127855−6

Low level waste incineration; Tucson, AZ, USA, 21-23 March 1985, [Irvine, CA, USA: Univ. California 1985] 78567 (introductory abstract), 79441−72

Lunar and planetary science XVII; Houston, TX, USA, 17-21 March 1986, *(Lunar & Planetary Inst.; NASA; American Geophys. Union; AAS; et al)* [Houston, TX, USA: Lunar & Planetary Inst. 1986] 88432 (introductory abstract),

Magnet technology; Zurich, Switzerland, 9-13 Sept. 1985, *C.Marinucci, P.Weymuth (editor/s),* [Villigen, Switzerland: Swiss Inst. Nucl. Res. 1985] 78566 (introductory abstract), 78882−9, 78902, 79405−23, 79545−59, 79568−83, 79614, 80115, 81786, 82337, 83024−32, 84356−7, 86382−9, 88735−6, 89520−1, 91150−1, 91582, 91599−600, 92223, 94433−7, 96288, 96294−7, 96309−10, 96319−26, 96833

Magnetics; Hiroshima, Japan, 13-15 Nov. 1984, [June 1985] 76789−92, 76796−7, 76802−4, 76931−4

Magnetics; Hiroshima, Japan, 13-15 Nov. 1984, [Aug. 1985] 113483−9, 118411, 118423−5, 118448−9, 118464, 118473−8, 118496, 118499, 119256

Magnetics; Hiroshima, Japan, 13-15 Nov. 1984, [Sept. 1985] 117707, 118152, 118426, 118450, 118460−3, 118465−70, 118479−81, 127343−8

Magnetism '85; San Francisco, CA, USA, 26-30 Aug. 1985, *(AIP; APS; Nat. Res. Council; et al)* [Feb. 1986] 76386, 76526, 76682, 76732, 76751, 76775, 76777, 76786−7, 76794, 76805−6, 76816−18, 77127−9

Magnetospheric phenomena in astrophysics; Taos, NM, USA, Aug. 1984, *(Los Alamos Nat. Lab)* [1986] 124100 (introductory abstract),

Mass loss from red giants; Los Angeles, CA, USA, 20-21 June 1984, *M.Morris, B.Zuckerman (editor/s),* [Dordrecht, Netherlands: Reidel 1985] 83713 (introductory abstract),

Mass spectrometry in life sciences; Gent, Belgium, 15-18 May 1984, [Sept. 1985] 115735 (introductory abstract),

Massive star and stellar group formation; Dwingeloo, Netherlands, 24-26 Sept. 1984, *(Netherlands Found. Astron. Res.; Netherlands Found. Radio Astron) W.Boland, H.Van Woerden (editor/s),* [Dordrecht, Netherlands: Reidel 1985] 78579 (introductory abstract),

Massive star pulsations and stellar winds; Boulder, CO, USA, 17-19 April 1985, [Jan. 1986] 78563 (introductory abstract), 83522−6, 83580−2

Materials selection and design; London, England, 2-4 July 1985, [Pinner, Middx., England: Online Publications 1985] 88424 (introductory abstract),

Mathematical geophysics; Oosterbeek, Netherlands, 22-28 June 1986, [Spring 1986] 115751 (introductory abstract),

Measuring techniques in offshore, coastal and inland waters; London, England, 9-11 April 1986, *(BHRA; American Soc. Civil Eng.; Int. Assoc. Hydraulic Res) J.H.Poundsford (editor/s),* [Cranfield, Bedford, England: BHRA 1986] 83716 (introductory abstract),

MECO seminar 1985; Aussois, France, 12-14 March 1985, [Grenoble, France: CEN 1985] 73453 (introductory abstract),

Medical and biological engineering; Espoo, Finland, 11-16 Aug. 1985, [1985] 88409 (introductory abstract),

Medical and industrial microwave applications; London, England, 9 May 1986, *(IEE)* [London, England: IEE 1986] 98045 (introductory abstract), 98223−5, 100766, 100865−72, 100948, 101137

Megaplates and microplates; Hamburg, Germany, Aug. 1983, [June 1985] 78554 (introductory abstract),

Metal powders; Eastbourne, England, 21-23 Oct. 1985, [1986] 104704−6, 104710

Metrology and properties of engineering surfaces; Teesside, England, 10-12 April 1985, [May-June 1986] 124318 (introductory abstract), 116018−25, 116093, 117238, 118054, 119014, 124553−60, 125600−1, 126000, 126852, 127910

Microcirculation; Anaheim, CA, USA, 22-25 April 1985, [1986] 119975 (introductory abstract), 119970, 123727, 123739−42

Microcomputers in engineering; Swansea, Wales, 7-10 April 1986, *B.A.Schrefler, R.W.Lewis (editor/s),* [Swansea, Wales: Pineridge Press 1986] 117323, 117352, 117359−60, 121913, 121947, 123540, 123970

Microelectronics; Anaheim, CA, USA, 11-14 Nov. 1985, *(Int. Soc. Hybrid Microelectron.)* [Reston, VA, USA: Int. Soc. Hybrid Microelectron. 1985] 100734

Microwave satellite sub-systems; London, England, 19 May 1986, *(IEE)* [London, England: IEE 1986] 97686

Microwave technology; Princeton, NJ, USA, 22 March 1985, *(IEEE)* [Dec. 1985] 82904

Mini and microcomputers; Montreal, Que., Canada, 3-5 June 1985, *P.J.Zsombor-Murray, L.J.Vroomen, M.H.Hamza (editor/s),* [Calgary, Alta., Canada: Acta Press 1985] 109759, 110014, 114277−8, 115304

Mini and microcomputers and their applications; Bari, Italy, 5-8 June 1984, *G.Mastronardi (editor/s),* [Anaheim, CA, USA: Acta Press 1984] 80323, 87503, 87553, 87605

Mini and microcomputers in control, filtering and signal processing; Las Vegas,NV, USA, 10-12 Dec. 1984, *M.H.Hamza (editor/s),* [Anaheim, CA, USA: Acta Press 1985] 97263

Modal analysis; Los Angeles, CA, USA, 3-6 Feb. 1986, *(Union Coll. Schenectady)* [Schenectady, NY, USA: Union Coll. 1986] 78584 (introductory abstract),

Modelling and simulation; Pittsburgh, PA, USA, 25-26 April 1985, *(Univ. Pittsburgh; IEEE; ISA; et al) R.Hanham, W.G.Vogt, M.H.Mickle (editor/s),* [Research Triangle Park, NC, USA: ISA 1985] 100975, 101134, 101692, 104978, 104998, 105041−2, 105108, 105114, 105404−5, 105435, 106203, 106625−6, 107782, 108738, 108795−6, 109312, 109367−8

Modelling and simulation on microcomputers; San Diego, CA, USA, 23-25 Jan. 1986, *C.C.Barnett (editor/s),* [San Diego, CA, USA: SCS 1986] 89278, 90583, 90628, 92114, 92528, 92595, 92613

Modern power stations; Liege, Belgium, 7-11 Oct. 1985, *(AIM)* [Liege, Belgium: AIM 1985] 119108−9, 120867, 120903−8, 120917−18, 125063−6, 125077, 125083−4, 125092−102, 125157−60

Molecular beam epitaxy; Minneapolis, MN, USA, 14-16 Aug. 1985, *(American Vacuum Soc)* [March-April 1986] 93558 (introductory abstract), 90917, 91259−65, 91875−6, 91999−2006, 95527, 95688−9, 95740, 95832−4, 96130, 96156−64, 96237, 96697−8, 96795−805

Molecular crystal; Lugano, Switzerland, 30 Sept.-4 Oct. 1985, [Basel, Switzerland: Univ. Basel 1985] 78573 (introductory abstract),

Molecular structure; Austin, TX, USA, 3-5 March 1986, *(Univ. Texas)* [Austin, TX, USA: Univ. Texas 1986] 93571 (introductory abstract),

Monte Carlo physics; Los Alamos, NM, USA, 3-6 Sept. 1985, [June 1986] 109688 (introductory abstract), 109828, 109917−21, 109933−6, 109963, 110156−62, 110269, 110311−15, 110474, 110860−1, 112188−91, 112952, 113017, 113023, 113383, 113390, 113456, 114353

Multicritical phenomena; Geilo, Norway, 10-21 April 1983, *(NATO) R.Pynn, A.Skjeltorp (editor/s),* [Plenum: New York, USA 1984] 78551 (introductory abstract),

Multigrid methods; Copper Mountain, CO, USA, 31 March-3 April 1985, [July 1986] 109791

NAECON '86; Dayton, OH, USA, 19-23 May 1986, *(IEEE)* [New York, USA: IEEE 1986] 123639, 123663, 123677, 123688, 123712, 123724−5, 123737−8, 124018−19

National engineering conference - Australia; Melbourne, Vic., Australia, 2-8 March 1985, [Barton, ACT, Australia: Instn. Eng. Australia Jan. 1985] 78060

Neutron scattering; Santa Fe, NM, USA, 19-23 Aug. 1985, *(Los Alamos Nat. Lab)* [Jan.-Feb. 1986] 78562 (introductory abstract), 79566, 79590, 80788−93, 80821−2, 80862−4, 80926, 80941, 80964−6, 80985, 81166, 81205, 81207−8, 81222, 81231, 81249−53, 81274−5, 81438−9, 81519, 81583−5, 81596−7, 81756, 81763−4, 81802−13, 81821−7, 81832−3, 81835−6, 81843−53, 81859, 81869, 82340, 82380, 82391, 82401, 82628, 82658−60, 82793−8, 82806, 82809, 82817, 83808, 83988, 83994−6, 84079, 84084, 84164, 84391, 84416, 84786, 85568−71, 85657, 85702, 85713, 85853, 85861, 85897, 85899, 86009, 86021−2

New avenues in quantum theory and general relativity; Amalfi, Italy, May 1984, [May 1986] 78560 (introductory abstract), 78628, 78710, 78730, 78741, 79003−7, 79088, 79114

New perspectives in thermodynamics; Minneapolis, MN, USA, June 1983, *J.Serrin (editor/s),* [Berlin, Germany: Springer-Verlag 1986] 119972 (introductory abstract), 120212−24

NMR imaging and spectroscopy; Geneva, Switzerland, 5-6 Oct. 1984, *M.-A.Hopf, G.M.Bydder (editor/s),* [Geneva, Switzerland: Eur. Soc. Magnetic Resonance Med. & Biol. 1985] 101451 (introductory abstract),

NMR in living systems; Altavilla Milicia, Sicily, Italy, 26 Aug.-7 Sept. 1984, *(NATO) T.Axenrod, G.Cecarelli (editor/s),* [Dordrecht, Netherlands: Reidel 1986] 115759 (introductory abstract),

Noise in physical systems and 1/f noise; Rome, Italy, 9-13 Sept. 1985, *(IIa Univ. 'Tor Vergata'; CNR; Balzers SpA; Istituto Bancario San Paolo di Torino) A.D'Amico, P.Mazzetti (editor/s),* [Amsterdam, Netherlands: North-Holland 1986] 115752 (introductory abstract), 115919, 115957−72, 116013, 116028, 116445, 117118, 117142, 118003, 118012−13, 118292−303, 118347−8, 118394−400, 118404, 118456−9, 119155, 119204, 119772, 120169−71, 121053, 121535−6, 122016, 122807−14, 122872

Nonlinear optical waveguides; London, England, 21 May 1986, *(IEE)* [London, England: IEE 1986] 88437 (introductory abstract), 90109, 90157, 90187, 90198, 90237, 90282, 90337−40

Nonlinear optics; Novosibirsk, USSR, June 1984, [1985] 109684 (introductory abstract), 110095, 110100, 110117, 110977, 110980−1, 111100, 111155, 111205, 111329, 111376, 111435, 111440, 111446−8, 111457−61, 111526, 112014−15, 112491, 112629, 114542, 114548, 115196−9, 115266

Nonresonant interaction of optical radiation with matter; Palanga, USSR, 18-22 Sept. 1984, [1985] 109685 (introductory abstract), 110096, 111449−50, 112115, 112375−82, 112564−5, 113039

Nonresonant interaction of optical radiation with matter; Palanga, USSR, 18-22 Sept. 1984, [1985] 121616−18, 121627, 121676−9, 122065, 122109, 122349−61, 122402−3, 122797, 122819−20, 122838, 123044, 123051−2, 123141, 123479

Northeast bioengineering conference; Worcester, MA, USA, 14-15 March 1985, *(IEEE; 3M Co.; Worcester Polytech. Inst.; Whitaker Found) W.S.Kuklinski, W.J.Ohley (editor/s),* [New York, USA: IEEE 1985] 78568 (introductory abstract), 82827, 82839, 82899−902, 82924−6, 82937−40, 82955, 83002−3, 83045, 87485, 87520, 87595−603, 87618, 87634−5, 87666−9, 87671, 87685, 87709−13, 87740−6, 87778−9, 87785−8, 87796−802, 87813−14, 92558, 92591, 92609−10, 92692, 92697, 92711−14, 92730, 92734, 92825−9, 92859, 92863−4, 92883, 92890

NQR spectroscopy; Darmstadt, Germany, 22-26 July 1985, *(BASF Aktiengesellschaft; Brucker Analytische Messtech. GmbH; Hoechst Aktiengesellschaft; et al)* [Jan.-Feb. 1986] 73452 (introductory abstract), 73489, 74622, 74624−5, 74654, 74754−5, 75915, 75994−5, 76365, 76511, 76842, 76853−7, 76872−5

Nuclear data, cross section libraries, nuclear technology application; Bonn, Germany, 1-2 Oct. 1985, *(Kerntech. Gesellschaft; Eur. Nucl. Soc)* [Bonn, Germany: Kerntech. Gesellschaft 1985] 115755 (introductory abstract), 116378, 116446, 116450−65, 116541−2, 116608−9, 116660, 116713−15

Nuclear data for basic and applied science; Santa Fe, NM, USA, 13-17 May 1985, [1986] 93583 (introductory abstract), 94258−77, 94314, 94323, 94328−36, 94370−1, 94376−7, 94418−31, 94438, 95347, 97149

Nuclear data for basic and applied science; Santa Fe, NM, USA, 13-17 May 1985, [1986] 94213, 94219, 94226−9, 94242−3, 94278−90, 94337−61, 94384−5, 94399, 94468, 98428, 98435−43, 98462−4, 98523, 98619

Nuclear data for basic and applied science; Santa Fe, NM, USA, 13-17 May 1985, [1986] 94140, 94155, 94189, 94203, 94212, 94214−18, 94230−1, 94249, 94291−7, 94315, 94362−8, 94378, 94386−7, 94469, 94540, 97150, 97376−7, 97679−81, 97742, 98375, 98408, 98417−18, 98425−7, 98444−8, 101205, 101229−30, 101245

Nuclear data for basic and applied science; Santa Fe, NM, USA, 13-17 May 1985, [1986] 94175−6, 94184, 94190−3, 94195, 94202, 94204; 94207, 94221, 94223, 94233−41, 94298−312, 94316, 94369, 94472, 94486−8, 94541−2, 94562−3, 95348, 97100

Nuclear data for basic and applied science; Santa Fe; NM, USA, 13-17 May 1985, [1986] 120007, 120617, 120673, 120682−5, 120738−57, 120840−6, 120850−1, 120860−6, 120923−4, 120946−7, 120984−6, 120998−1002, 121033−8, 121052

Nuclear facilites, emergency planning and preparedness; Rome, Italy, 4-8 Nov. 1985, *(IAEA)* [Vienna, Austria: IAEA 1986] 109703 (introductory abstract), 110726−45, 110764−6, 116564−78, 116661−85, 119118, 119126−7, 119365−7, 119370−1

Nuclear physics; Melbourne, Vic., Australia, 3-5 Feb. 1986, *(Australian Inst. Nucl. Sci. Eng.)* [Lucas Heights, NSW, Australia: Australian Inst. Nucl. Sci. & Eng. 1986] 78581 (introductory abstract), 78719−20, 78769, 78946, 79033−7, 79054, 79077, 79093, 79106−7, 79121, 79140, 79149, 79156, 79178, 79187−8, 79190−4, 79196−201, 79204−5, 79209−12, 79218−20, 79223, 79240−1, 79243−5, 79249−53, 79264, 79276−83, 79286−8, 79302−6, 79313−15, 79591, 79615, 80097, 80794, 81069, 81160, 83381, 83432, 83442

Nuclear power plant ageing, availability and reliability; San Diego, CA, USA, 8-12 July 1985, *(American Soc. Metals; American Welding Soc.; Atomic Energy Soc. Japan; British Nucl. Energy Soc.; Canadian Nucl. Soc.; Instsn. Nucl. Eng.; et al) V.S.Goel (editor/s),* [Metals Park, OH, USA: American Soc. Metals 1985] 88420 (introductory abstract), 84203−4, 84222−9, 84260, 84302−4, 85763, 89242−3, 89263−73, 89321−5, 89365−87, 92113

Nuclear power systems materials degradation; Monterey, CA, USA, 9-12 Sept. 1985, *(ANS; AIME; Nat. Assoc. Corrosion Eng)* [La Grange Park, IL, USA: ANS 1986] 115753 (introductory abstract), 116472−536, 118985, 120881−90

Nuclear reactor decommissioning planning; Bethesda, MD, USA, 16-18 July 1985, *(Office Nucl. Regul. Res.; US Nucl. Regul. Comm)* [Washington, DC, USA: US Nucl. Regul. Comm. Feb. 1986] 98038 (introductory abstract), 98504, 98587−614, 98698−701, 98705−7

Nuclear science and nuclear power systems; San Francisco, CA, USA, 23-25 Oct. 1985, *(IEEE; Lawrence Livermore Nat. Lab.; Lawrence Berkeley Lab.; Stanford Linear Accelerator Center; DOE; NBS; NASA; EPRI)* [Feb. 1986] 88405 (introductory abstract), 85550, 87676−7, 87698−9, 87752−71, 88730, 89230, 89301−8, 89341−8, 89403−4, 89458−64, 89497−8, 89524−30, 89544−615, 89639−60, 89666−78, 89757, 89978, 90421, 90744, 90939−40, 90944, 91900; 91905, 92307, 92765−70, 92793, 92840−8

Nuclear spectroscopy and structure of atomic nucleus, 34th All-Union Conference; Alma-Ata, USSR, April 1984, [1985] 116291, 116321−5, 116336, 116347−8, 116358, 116363−5, 116369−70, 116372, 116375, 116380−1, 116384−6, 116392, 116400−1, 116415, 116437

Nuclear spectroscopy and structure of atomic nucleus - 35th all-union conference; Leningrad, USSR, April 1985, [1985] 115743 (introductory abstract), 116289−90, 116320, 116335, 117860

Nuclear structure at high spin, excitation and momentum transfer; Bloomington, IN, USA, 21-23 Oct. 1985, [1986] 119973 (introductory abstract), 120519, 120606−10, 120623−4, 120628, 120633, 120636−7, 120655−7, 120679−81, 120702−4, 120707−8, 120767

Nuclear techniques of analysis; Lucas Heights, NSW, Australia, 6-8 Nov. 1985, [Sutherland, NSW, Australia: Australian Inst. Nucl. Sci. & Eng. Nov. 1985] 78586 (introductory abstract), 78956, 79357−9, 79365, 79508−10, 79537, 79584, 79616, 81020−4, 81161, 81301, 81390−4, 81498−9, 81726, 82233−6, 82250, 82405, 82567−8, 82671−5, 82731, 82766, 82979, 83056−9, 83128, 83131, 83169−70

Nuclear technology '85; Munich, Germany, 21-23 May 1985, *(German Atomic Forum; German Nucl. Soc.) K.G.Bauer (editor/s),* [Bonn, Germany: Deutsches Atomforum May 1985] 78572 (introductory abstract), 79344−9, 79355−6, 79364, 79377−8, 79424−33, 79437, 79527−8, 82525−6, 84205−7, 84230−49, 84261−84, 84305−40, 84358−61, 84372, 84379−82, 84395, 85964, 87187, 87248, 87271−3, 87296, 88076, 89244−53, 89274−7, 89286−93, 89326−37, 89388−94, 89430−56, 89522, 90622

Nuclear waste management; Stockholm, Sweden, 9-11 Sept. 1985, *(Mater. Res. Soc.; SKB; USDOE; et al) L.O.Werme (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1986] 124320 (introductory abstract), 116537−40, 116614−54, 118986−8, 119016, 119053, 125178−202

Nucleon-nucleon and nucleon-antinucleon interactions; Schladming, Austria, 20 Feb.-1 March 1985, *(Bundesministerium fur Wissenschaft und Forschung; Steiermarkische Landesregierung; Int. Centre Theor. Phys.; et al)* [1985] 83698 (introductory abstract), 83997−9, 84030, 84058, 84063, 84070−1, 84082, 84096−100, 84108−9, 84112, 84119, 84126, 84131, 84148, 84158

Numerical methods in thermal problems; Swansea, Wales, 15-18 July 1985, *R.W.Lewis, K.Morgan (editor/s),* [Swansea, Wales: Pineridge Press 1985] 78580 (introductory abstract),

Numerical modelling of plasmas; Varenna, Italy, 10-12 Sept. 1985, [May 1986] 83699 (introductory abstract), 85456, 85467−71, 85486, 85493−8

Numerical modelling of plasmas; Varenna, Italy, 10-12 Sept. 1985, [1 Aug. 1986] 122033−4, 122049, 122084−5

Ocean engineering and the environment; San Diego, CA, USA, 12-14 Nov. 1985, *(IEEE; Marine Technol. Soc)* [New York, USA: IEEE 1985] 98036 (introductory abstract), 99250, 100741, 100765, 101010, 101039, 101049, 101053−6, 101093−6, 101098−9, 101117−33, 105053, 105072, 105376−9, 105403, 105426−9, 105500−1, 105503, 105551−61, 109298, 109346−7, 109350, 109468−81, 111589, 114512−14, 115014−16, 115067−71, 115205−6, 115290−303, 117265, 119111, 119641, 119677−8

Oceanographic data systems; San Diego, CA, USA, 4-6 Feb. 1986, *(IEEE; Scripps Instn. Oceanogr) D.Steiger (editor/s),* [Washington, DC, USA: IEEE Comput. Soc. Press 1986] 98044 (introductory abstract), 101135, 101707, 103172, 105505−13, 105566−70

Open magmatic systems; Taos, NM, USA, Aug. 1984, *(Inst. Study of Earth & Man; Southern Methodist Univ)* [10 May 1986] 93556 (introductory abstract), 97515−25, 97533−6

Optical and millimetre-wave propagation in the atmosphere; Florence, Italy, 27-30 May 1986, *(Univ. Florence; Fondazione Ugo Bordoni; Opt. Soc. America; CNR; et al)* [Firenze, Italy: OIC 1986] 105993 (introductory abstract),

Optical data storage; Washington, DC, USA, 15-17 Oct. 1985, *(IEEE; Opt. Soc. America; American Vacuum Soc.; SPIE)* [Washington, DC, USA: Opt. Soc. America 1985] 75038, 75136, 75229, 76782, 76809−13

Optical measurements in fluid mechanics 1985; Cambridge, England, 10-12 July 1985, *P.H.Richards (editor/s),* [Bristol, England: Adam Hilger 1985] 83710 (introductory abstract),

Orbital dynamics, applications to accelerators; Berkeley, CA, USA, 7-12 March 1985, [1986] 115747 (introductory abstract), 115808−9, 115817, 116002, 116691−4, 116702−10, 117037, 117040−1, 117638, 117648, 119739−40, 119894, 119933

Pacific Basin Societies 1984 chemical congress; Honolulu, HI, USA, 16-21 Dec. 1984, [1985] 119986 (introductory abstract), 120020, 122128, 122185, 122295−301, 122427, 122445, 122626, 122646, 122651, 122669, 122732−3, 122739, 122744−7, 122764−7, 122805−6, 122889−90, 122927, 122973, 122977, 123081−3, 123189, 123204

Pacific Northwest branch of the AGU 31st annual meeting; Corvallis, OR, USA, 7-8 Sept. 1984, [1985] 109676 (introductory abstract),

Particles and fields; Oaxtepec, Mexico, 3-14 Dec. 1984, [1986] 124309 (introductory abstract), 124691, 124710, 124731, 124767, 124815

Peripheral visual function; Philadelphia, PA, USA, 13 Dec. 1982, *(American Acad. Optometry)* [Feb. 1986] 73444 (introductory abstract), 77651, 77656−7, 77672, 77675−7

Phase equilibria in multicomponent systems; Paris, France, 11-13 Sept. 1985, *(IUPAC; Committee on Data Sci. & Technol.; CNRS; Univ. Paris VII)* [10 June 1986] 109679 (introductory abstract),

Phase transitions in ferroelectrics; Moscow, USSR, June 1984, [1985] 93554 (introductory abstract), 95594, 95643−8, 95697, 95780, 96443, 96457−8, 96527−35

Phase transitions on solid surfaces; Erlangen, Germany, 25-27 Sept. 1985, [March 1986] 105985 (introductory abstract),

Photogrammetry in real-time; Ottawa, Ont., Canada, 16-19 June 1986, [May 1986] 124312 (introductory abstract),

Photoreceptor industry conference; Santa Barbara, CA, USA, 17-19 March 1985, [Ventura, CA, USA: Diamond Res. Corp. 1985] 78583 (introductory abstract),

Photovoltaic solar energy; London, England, 15-19 April 1985, *(Comm. Eur. Communities; R. Borough Chelsea & Kensington; Eur. Photovoltaic Ind.; UNESCO; et al) W.Palz, F.C.Treble (editor/s),* [Dordrecht, Netherlands: Reidel 1985] 77545−6, 77560, 77577−89, 81674, 82058, 82264−7, 82300, 82695−716

Physics and chemistry of mercury cadmium telluride; San Diego, CA; USA, 8-10 Oct. 1985, *(Air Force Office Sci. Res.; Army Res. Office; Defense Adv. Res. Projects Agency; American Vacuum Soc)* [July-Aug. 1986] 119981 (introductory abstract), 122263, 122285−6, 122366, 122398, 122604, 122621−4, 122710, 122728, 122784, 122799, 122845−8, 122866, 122883−5, 123064, 123080, 123433, 125650, 126511, 126542, 126578, 126733−4, 126787, 126832, 126891−2, 127002−3, 127154−6, 127195, 127215, 127515, 127556, 127668−9, 127682−7

Physics of new laser sources; San Miniato, Tuscany, Italy, 11-21 July 1984, *(NATO) N.B.Abraham, F.T.Arecchi, A.Mooradian, A.Sona (editor/s),* [New York, USA: Plenum 1985] 93550 (introductory abstract),

Physics of semiconducting compounds; Jaszowiec, Poland, 9-15 June 1985, [May 1986] 93552 (introductory abstract), 94965, 95615, 95815, 95895, 95910, 95931, 95937−45, 95996, 96039, 96071, 96107−10, 96135−7, 96392, 96436, 96625, 96631, 96637−8, 96692, 96721, 96727−8

Physics of semiconducting compounds; Jaszowiec, Poland, 9-15 June 1985, [June 1986] 120060, 122415−16, 122480, 122639−40, 122643, 122648, 122666, 122670, 122674, 122701−2, 122754, 122781−2, 122832, 122858, 122876, 122922, 122931, 122956, 123046, 123069, 123131, 123138−9, 123199, 123221−2, 123555, 126954−5, 126964, 126988−91, 127079−80, 127099−101, 127131, 127286−7, 127484−5, 127545, 127635−6

Physics of semiconductors; San Francisco, CA, USA, 6-10 Aug. 1984, *(IUPAP; Int. Center Theor. Phys.; AIP; APS; American Vacuum Soc.; et al) J.D.Chadi, W.A.Harrison (editor/s),* [New York, USA: Springer-Verlag 1985] 93567 (introductory abstract), 88816, 90963, 91221, 91242−6, 91353, 91414−20, 91451, 91478−523, 91532−6, 91548−57, 91571−2, 91824−5, 91846−7, 91891−9, 91914−16, 91971−2, 93977, 95410−11, 95420−1, 95500, 95523, 95676, 95721, 95729, 95772−8, 95803−11, 95853, 95868−9, 95878, 95906−9, 95916, 95964−84, 95994−5, 96003, 96013, 96051−3, 96061, 96083, 96101, 96123−6, 96133, 96411, 96435, 96620, 96670, 96714−16, 96735, 96737−8, 96758, 96769−71, 97141, 99189, 99622, 99625, 99641, 99723, 99745−6, 99753, 99916−18, 99921, 99926−9, 99932−3, 99937−9, 99943−4, 99950−1, 99956, 99959, 99983−4, 100013, 100020, 100029, 100054, 100074, 100086, 100127−8, 100159, 100261, 100276, 100296−8, 100300−1, 100324−6, 100340, 100373−5, 103668, 103683−4, 103752, 103824−5, 103866, 104006−7, 104032, 104078, 104118−19, 104136, 104168−9, 104173, 104356−7, 104444, 104500−4, 104566

Physics of the atmosphere and ocean; Rome, Italy, 19-22 June 1984, [Nov.-Dec. 1985] 77611, 78035−7, 78135−6, 78152, 78194−5

Plasma science; Pittsburgh, PA, USA, 3-5 June 1985, *(IEEE)* [New York, USA: IEEE 1985] 88418 (introductory abstract),

Plasma spectrochemistry; Kailua-Kona, HI, USA, 2-8 Jan. 1986, *(ICP Inf. Newsletter)* [Amherst, MA, USA: Univ. Massachusetts 1986] 78565 (introductory abstract),

Plasma-wall interactions in controlled fusion; Val-Morin, Que., Canada, 30 July-10 Aug. 1984, *(NATO) D.E.Post, R.Behrisch (editor/s),* [New York, USA: Plenum 1986] 88428 (introductory abstract), 89414−20, 90645, 90651−2, 90684−95, 90736−7

Plasmas and sputtering; Antibes, France, 10-14 June 1985, [March-April 1985] 83709 (introductory abstract),

Polarization phenomena in nuclear physics; Osaka, Japan, 26-30 Aug. 1985, *(IUPAP; Sci. Council Japan; Phys. Soc. Japan; Nishina Memorial Found)* [1986] 119979 (introductory abstract), 120457, 120577, 120582−4, 120603, 120662, 120688−93, 120710−17, 120760−2, 120768−9, 120805−6, 124697, 124748, 124751, 124761, 124769, 124780−1, 124784−5, 124792−809, 124811, 124816−20, 124824−5, 124832, 124834−6, 124858, 124863−5, 124871, 124874−906, 124908, 124910, 124913−33, 124938−81, 125003−20, 125036, 125044, 125163, 125210, 125217−18, 125230−69, 125301−12, 125554, 127386−8, 127413

Polarized antiprotons; Bodega Bay, CA, USA, 18-21 April 1985, [1986] 124310 (introductory abstract), 125223−7

Polarized beams; Ann Arbor, MI, USA, 14 June 1985, [1986] 119974 (introductory abstract), 120451, 120520, 120568−9, 120587, 120601, 120952−5, 120962−6, 121054−5

Polarized sources and targets; Montana, Switzerland, 13-17 Jan. 1986, *(Int. Comm. Symposia High Energy Spin Phys)* [1986] 98027 (introductory abstract), 98402, 98710, 98712−47, 98767, 98849, 98851, 98937−8, 99118, 99583, 99834, 100183−5

Poly-micro-crystalline and amorphous semiconductors; Strasbourg, France, 5-8 June 1984, *(Council Eur.; Eur. Phys. Soc.; Agence Francaise pour la Maitrise de l'Energie; CNRS; et al) P.Pinard, S.Kalbitzer (editor/s),* [Les Ulis, France: Editions de Phys. 1984] 78570 (introductory abstract), 80870, 80986, 80997−8, 81018−19, 81037−8, 81044, 81212, 81276, 81341, 81350, 81496−7, 81514−15, 81568−71, 81576−7, 81628−31, 81639, 81646−51, 81662, 81675, 81689, 81725, 81735, 81744−51, 81976−7, 82060−1, 82077, 82111, 82114, 82135−7, 82249, 82253, 82268−73, 82281, 82288−90, 82319, 82717−21, 83957, 85593−4, 85749, 85895, 86067, 86274, 86317−18, 86340−1, 86354−5, 86544, 86944−5, 86952−7, 87405−6

Polytypes; Marseille, France, 3-6 July 1984, [1986] 88402 (introductory abstract), 90827−34, 91050−1

Powder diffraction crystallography; Stockholm, Sweden, 8-9 May 1985, [June 1986] 119976 (introductory abstract),

Power electronics and applications; Brussels, Belgium, 16-18 Oct. 1985, *G.Maggetto, Ph.Lataire (editor/s),* [Antwerp, Belgium: Koninklijke Vlaamse Ingenieursvereniging 1985] 128216

Power engineering; Chicago, IL, USA, 22-24 April 1985, *(Illinois Inst. Technol.; Illinois Univ.; Georgia Inst. Technol.; IEEE; ANS; et al) B.Haigh (editor/s),* [Chicago, IL, USA: Illinois Inst. Technol. 1985] 100761, 100764, 102112−14, 102131−7, 102179−85, 102196−7, 102394−5, 102438, 103170, 104983, 105015, 105023, 105040, 105044, 105174

Power industry computer application, PICA '85; San Francisco, CA, USA, 7-10 May 1985, *(IEEE)* [New York, USA: IEEE 1985] 93117

Pre-Alpine orogenes; Louvain-la-Neuve, Belgium, 30 July-3 Aug. 1984, [1986] 98031 (introductory abstract),

Precise structural information; Erice, Italy, 24 May-6 June 1985, [Rome, Italy: CNR 1985] 73457 (introductory abstract),

Probabilistic risk and safety analysis; Brussels, Belgium, 26-27 Aug. 1985, [1986] 101438 (introductory abstract), 102142−66

Programmable electronic systems, safety and reliability; Guernsey, Channel Islands, UK, 28-30 May 1986, *(Comm. Eur. Communities; Health & Safety Executive; Arbejdstilsynet, et al) B.K.Daniels (editor/s),* [Barking, Essex, England: Elsevier Appl. Sci. Publishers 1986] 106763, 106909−12

Propagation effects on military systems in high latitude region; Fairbanks, AK, USA, 3-7 June 1985, *H.Soicher (editor/s),* [Neuilly sur Seine, France: AGARD Nov. 1985] 101452 (introductory abstract), 105488−91, 105571−6, 105624−52, 105675

Protective coatings; London, England, 13-14 Nov. 1984, [March 1986] 73449 (introductory abstract), 77124−5, 77135, 77155−6, 77322, 77369−72, 77405−12, 77442−3

Provenance of arenites; Cetraro, Cosenza, Italy, 3-11 June 1984, *(NATO) G.G.Zuffa (editor/s),* [Dordrecht, Netherlands: Reidel 1985] 93569 (introductory abstract),

Purification of materials for crystal growth and glass processing; Watsonville, CA, USA, 14-17 May 1985, [May 1986] 101433 (introductory abstract), 101461, 103103, 103860, 104641−2, 104644−5, 104651−3, 104673−5, 104699−701, 104717−18, 104967, 105019

Quadrennial ozone symposium; Halkidiki, Greece, 3-7 Sept. 1984, *(American Meteorol. Soc.; Comm. Eur. Communities; IAMAP; WMO; et al) C.S.Zerefos, A.Ghazi (editor/s),* [Dordrecht, Netherlands: Reidel 1985] 101447 (introductory abstract),

Quantum biology and quantum pharmacology; Marineland, FL, USA, 14-16 March 1985, *(Nat. Found. Cancer Res.; USDOE; Univ. Florida)* [1985] 88406 (introductory abstract),

Quantum chemistry; Montreal, Que., Canada, 18-24 Aug. 1985, *(Univ. Montreal; Nat. Res. Council Canada; Natural Sci. & Eng. Res. Council Canada)* [April 1986] 79634−8, 79644, 79661−4, 79681−3, 79692, 79710−11, 79722−3, 79728, 79769, 79803, 79875, 79895, 79898, 79901, 79924, 80110−11, 80811, 81573, 81754, 82775−6, 82787

Quantum chemistry; Montreal, Que., Canada, 18-24 Aug. 1985, *(Univ. Montreal; Nat. Res. Council Canada; Natural Sci. & Eng. Res. Council Canada)* [May 1986] 88560−1, 89679, 89700−14, 89723−5, 89727, 89732, 89746, 89749, 89781, 89961, 89967, 89979−80, 90028, 90031, 90043, 90054, 90059, 91000, 91184−5, 91290, 91342, 91354, 91625, 91651, 91768, 91827, 92376, 92405, 92407, 92535−6, 92545

Quantum electronics; Great Malvern, Worcs., England, 16-20 Sept. 1985, [April 1986] 83706 (introductory abstract), 83945, 83960, 83987, 83993, 84719, 84844, 84868, 84877, 84907, 84917, 84934, 84949−53, 84963, 85768

Quantum-field theory; London, Ont., Canada, 29 July-9 Aug. 1985, *(Canadian Assoc. Phys)* [May 1986] 115736 (introductory abstract), 115902−6, 115921, 116126−9, 116176, 116190, 116228, 119955

Quantum field theory - Hiroomi Umezawa symposium; Positano, Salerno, Italy, 5-7 June 1985, *(Univ. Salerno; Univ. Alberta) F.Mancini (editor/s),* [Amsterdam, Netherlands: North-Holland 1986] 120001 (introductory abstract), 120046, 120087−8, 120105, 120123−4, 120135−6, 120441−50, 120492−4, 120508, 124062, 124432−3, 124484, 124545−6, 124705−9, 126972, 126976, 127043, 127092, 127236, 127266, 127274

Quantum theory and gravitation, Loyola conference; USA, 29 May-1 June 1985, [May 1986] 109683 (introductory abstract), 109823−4, 109861, 109874, 109886, 109895, 110155, 115723

Quantum theory and gravitation, Loyola conference; USA, 29 May-1 June 1985, [June 1986] 106099−101, 106113, 109663

Radar '86; Los Angeles, CA, USA, 12-13 March 1986, *(IEEE)* [New York, USA: IEEE 1986] 101136

Radiation effects in optical materials; Albuquerque, NM, USA, 6-7 March 1985, *(SPIE)* [1985] 83708 (introductory abstract), 84930−1, 84991−3, 84995, 85051−3, 85762, 87403

Radio continua during solar flares; Duino, Trieste, Italy, 27-31 May 1985, [March 1986] 115750 (introductory abstract),

Radio receivers; Bangor, Wales, 1-4 July 1986, [London, England: IERE 1986] 119628, 119706

Radio stars; Boulder, Co. USA, 8-10 Aug. 1984, *(Joint Inst. Lab. Astrophys) R.M.Hjellming, D.M.Gibson (editor/s),* [Dordrecht, Netherlands: Reidel 1985] 78569 (introductory abstract),

Radiology, 71st meeting; Chicago, IL, USA, 17-22 Nov. 1985, *(American Assoc. Physicists Med)* [March 1986] 92744, 92760−1, 92790, 92804

Re-entry of space debris; Darmstadt, Germany, 24-25 Sept. 1985, *(ESA)* [Noordwijk, Netherlands: ESTEC 1986] 93572 (introductory abstract),

Reactor accidents, source term evaluation; Columbus, OH, USA, 28 Oct.-1 Nov. 1985, [Vienna, Austria: IAEA 1986] 98037 (introductory abstract), 98479−87, 98502−3, 98527, 98540−79, 99464−5

Reactor safety research; Stuttgart, Germany, 29-30 Aug. 1985, [1986] 119987 (introductory abstract), 120853, 120869−78, 120899, 120936, 121893−5, 123369−70, 123438, 123457−63

Real-time imaging II; San Francisco, CA, USA, 13-15 Aug. 1985, *(American Soc. Nondestructive Testing)* [Columbus, OH, USA: American Soc. Nondestructive Testing 1985] 88426 (introductory abstract),

Relativistic particle electromagnetic radiation; Terskol, USSR, 26-29 May 1983, [1986] 109693 (introductory abstract), 110134, 111327−8, 112398, 112433, 113768−80, 113783

Reliability and maintainability; Las Vegas, NV, USA, 28-30 Jan. 1986, *(IEEE; IES; ASME; AIAA; et al)* [New York, USA: IEEE 1986] 109518

Reliability technology; Bradford, England, 2-4 April 1986, [Culcheth, Warrington, England: Nat. Centre Syst. Reliability 1986] 120902, 120914−16, 123552

Remote sensing instrumentation; Amherst, MA, USA, 7-9 Oct. 1985, *(IEEE) K.R.Carver (editor/s),* [New York, USA: IEEE 1985] 88416 (introductory abstract),

Remote sensing of ocean and troposphere; Israel, 14-23 May 1984, [15 Feb. 1986] 73448 (introductory abstract), 78015−20, 78095−8, 78172−87

Robotics and automation; San Francisco, CA, USA, 7-10 April 1986, *(IEEE)* [Washington, DC, USA: IEEE Comput. Soc. Press 1986] 102138−9, 109081, 114674

Robotics and automation, IASTED symposium; Lugano, Switzerland, 24-26 June 1985, *M.H.Hamza (editor/s),* [Anaheim, CA, USA: Acta Press 1985] 109047−8

Rocky Mountain guidance and control conference; Keystone, CO, USA, 2-6 Feb. 1985, *R.D.Culp, E.J.Bauman, C.A.Cullian (editor/s),* [San Diego, CA, USA: Univelt 1985] 115758 (introductory abstract),

Scaling phenomena in disordered systems; Geilo, Norway, 8-19 April 1985, *(NATO) R.Pynn, A.Skjeltorp (editor/s),* [New York, USA: Plenum 1985] 73463 (introductory abstract),

Science of ceramics; Orleans, France, 9-11 Sept. 1985, [Feb. 1986] 83703 (introductory abstract),

Science of hard materials; Rhodes, Greece, 23-28 Sept. 1984, *(Comm. Eur. Communities; De Beers; G.E. Carboly; Mitsubishi Metal Corp.; et al) E.A.Almond, C.A.Brookes, R.Warren (editor/s),* [Bristol, England: Adam Hilger 1986] 124321 (introductory abstract), 117395, 117406−7, 117896, 118782−3, 118826, 118834, 118928−33, 119017, 126311, 126426, 126467−8, 126535, 126598, 126617−18, 126632, 126650, 126761, 126948, 126963, 127665, 127697−9, 127718−21, 127735−6, 127792, 127834−6, 127869−76, 127878−9, 127886, 127944−8, 127993, 128039

Sediment diagenesis; Reading, England, 12-25 July 1981, *(NATO) A.Parker, B.W.Sellwood (editor/s),* [Dordrecht, Netherlands: Reidel 1983] 83715 (introductory abstract),

Seismic activity in Western Europe; Brussels, Belgium, 20-22 March 1984, *(NATO) P.Melchior (editor/s),* [Dordrecht, Netherlands: Reidel 1985] 83714 (introductory abstract),

Seismological Society of America 81st meeting; Charleston, SC, USA, 22-26 April 1986, [Jan.-March 1986] 88404 (introductory abstract),

Semiconductor and electro-optic materials; London, England, 6 May 1986, *(IEE)* [London, England: IEE 1986] 93576 (introductory abstract), 95722, 95812, 96030, 96035, 96222−3

Semiconductor energy pulse modification; Dresden, Germany, 25-28 Sept. 1984, *(IUPAP) K.Hennig, K.-H.Heinig, H.-U.Jager, R.Klabes, E.Wieser (editor/s),* [Dresden, Germany: Akad. Wissenschaften DDR 1985] 80865−9, 81047−9, 81054−60, 81492−5, 82280

Semiconductor interface formation; Marseille-Luminy, France, 10-14 June 1985, *(CNRS; Ministere de la Recherche et Technol.; Univ. d'Aix-Marseille; et al)* [March 1986] 88412 (introductory abstract), 86000, 86037−8, 86064−5, 86075−87, 86115−21, 86287, 86290−1, 86310−14, 86319, 86323−31, 86335−7, 86783, 86789, 86869, 86876, 86887, 86901, 86909−12, 86943, 87254−7, 91049, 91147, 91167−70, 91198, 91234−40, 91271, 91447−9, 91455−6, 91527−9, 91816, 91932, 91942, 91966−7

Semiconductor material microscopy; Oxford, England, 25-27 March 1985, *(R. Microscopical Soc.; IOP; Mater. Res. Soc) A.G.Cullis, D.B.Holt (editor/s),* [Bristol, England: Adam Hilger 1985] 93575 (introductory abstract), 95496−7, 95508−10, 95514−15, 95520−1, 95691, 95694, 95730, 95823, 95854−60, 99587, 99653, 99664−5, 99681, 99687, 99715, 99782, 99829, 99877, 99898−903, 99972, 100042, 100055, 101775, 101807, 101812, 103612−13, 103618−21, 103720, 103730−1, 103753, 103757−8, 103967−8, 104008−16, 104018, 104079, 104120, 104155, 104572, 104606, 104874, 104976

September 19, 1985 Mexican earthquake; San Francisco, CA, USA, Dec. 1985, [June 1986] 119977 (introductory abstract),

SETI; Boston, MA, USA, 18-21 June 1984, *(IAU; COSPAR; Int. Astronaut. Fed./Int. Acad. Astronaut.; et al) M.D.Papagiannis (editor/s),* [Reidel: Dordrecht, Netherlands 1985] 88429 (introductory abstract),

Shergotty-Nakhla-Chassigny symposia; Houston, TX, USA, March 1985, [June 1986] 109680 (introductory abstract),

Short-lived isotopes in biology; Lower Hutt, New Zealand, 26-30 Aug. 1985, *P.E.H.Minchin (editor/s),* [Wellington, New Zealand: Dept. Sci. & Ind. Res. 1986] 119998 (introductory abstract),

Silicides; Florence, Italy, 10-11 Oct. 1985, *(Int. Union Vacuum Sci. Tech. & Appl)* [16 June 1986] 109695 (introductory abstract), 112415, 112884−9, 112982, 113036, 113279, 113306, 113766, 113792, 113802−3, 113824, 113918−19, 114191−2

Simulation at the frontiers of science; Norfolk, VA, USA, 10-12 March 1986, *R.A.Whiteside (editor/s),* [San Diego, CA, USA: SCS 1986] 119358, 119773

Sintering; Herceg-Novi, Yugoslavia, 2-6 Sept. 1985, *(Serbian Acad. Sci)* [Belgrade, Yugoslavia: Int. Inst. Sci. Sintering 1985] 88423 (introductory abstract),

Sixteenth Lunar and Planetary Science Conference; Houston, TX, USA, 11-15 March 1985, *(Lunar & Planetary Inst.; Johnson Space Center; American Geophys. Union; et al)* [30 March 1986] 87868, 87909, 87944, 88049, 88097−8, 88102−3, 88150, 88160−71, 88175−7, 88180−1, 88186, 88197−8, 88222−4

Sixth international ocean disposal symposium; Pacific Grove, CA, USA, 21-25 April 1986, [Melbourne, FL, USA: Florida Inst. Technol. 1986] 109699 (introductory abstract),

Society for Computers in Psychology 15th annual meeting; Boston, MA, USA, 21 Nov. 1985, [April 1986] 105148

Society of Exploration Geophysicists 39th annual midwest regional meeting; Tulsa, OK, USA, 23-26 March 1986, [May 1986] 105986 (introductory abstract), 109227, 109242, 109261−5, 109282−3, 109453−4

Society of Exploration Geophysicists 55th annual meeting; Washington, DC, USA, 6-10 Oct. 1985, [Feb. 1986] 101432 (introductory abstract),

Solid compounds of transition elements; Vienna, Austria, 9-13 April 1985, *(IUPAC; IUPAP)* [Vienna, Austria: Gesellschaft Osterreichischer Chemiker 1985] 73455 (introductory abstract),

Solid-state batteries; Alcabideche, Portugal, 2-14 Sept. 1984, *(NATO; USDOE; US Army Res. Dev. & Stand. Group; et al) C.A.C.Sequeira, A.Hooper (editor/s),* [Dordrecht, Netherlands: Martinus Nijhoff 1985] 109700 (introductory abstract), 114423−50, 114452−4, 114462−73, 114476, 114506

Solid state ionics - 85; Lake Tahoe, NV, USA, 18-24 Aug. 1985, [Jan. 1986] 73736, 75903, 75983−4, 76187, 76190−1, 76201−2, 76229−46, 76352, 76370, 76598, 76648, 76851, 76968, 77162, 77219, 77493, 77552−3, 77558

Sonar transducer materials; London, England, 24 April 1986, *(IEE)* [London, England: IEE 1986] 93574 (introductory abstract), 95047, 95058−9, 95074−7, 95425, 96379−80, 96508−10

Sound broadcasting; Mannheim, Germany, 12-14 Nov. 1985, *(NTG; Inst. Rundfunktech)* [1986] 80416, 82862−8

Space physiology; Toulouse, France, 20-22 Nov. 1985, *(ESA; CNES)* [Noordwijk, Netherlands: ESTEC 1986] 109702 (introductory abstract), 114849−60, 114893

Space stations and their utilisation; Rome, Italy, 26-28 March 1985, *(Ministro per il Coordinamento delle Iniziative per la Ricerca Sci. & Tecnologica; Ministero degli Affari Esteri; UNO; ESA)* [Rome, Italy: Rassegna Int. Elettronica Nucl. ed Aerospaziale 1985] 98040 (introductory abstract),

Spacecraft materials in space environment; Noordwijk, Netherlands, 1-4 Oct. 1985, *(ESA; CNES; CERT)* [Noordwijk, Netherlands: ESTEC Nov. 1985] 73465 (introductory abstract),

Spatial data handling; Seattle, WA, USA, 5-10 July 1986, [Williamsville, NY, USA: Int. Geogr. Union 1986] 124328 (introductory abstract),

Spectral signatures of objects in remote sensing; Les Arcs, France, 16-20 Dec. 1985, *(ESA) T.D.Guyenne (editor/s),* [Noordwijk, Netherlands: ESTEC 1986] 88433 (introductory abstract),

Speech communication; Munich, Germany, 28-30 April 1986, *(NTG; GI; IEEE)* [1986] 121810−11, 123654−5

Speech input/output techniques; London, England, 24-26 March 1986, *(IEE)* [London, England: IEE 1986] 90409−14, 92680−2, 92867−71, 92889

Standards of excellence - IMTC/86; Boulder, CO, USA, 25-27 March 1986, *(IEEE)* [New York, USA: IEEE 1986] 106207, 106214−15, 106245−9, 106252, 107335−7, 108739, 109482, 109999−10001, 110032, 111444, 111544−5, 114764

Structural components susceptible to SCC; New Orleans, LA, USA, 9-14 Dec. 1984, [Jan. 1986] 93563 (introductory abstract), 96971−4, 97035−8

Structural mechanics in reactor technology - 8th international conference; Brussels, Belgium, 19-23 Aug. 1985, [1986] 102070−4, 102105−6, 104988−9

Structural mechanics in reactor technology - 8th international conference; Brussels, Belgium, 19-23 Aug. 1985, [1986] 106696−701

Subnuclear physics; Erice, Italy, 3-14 Aug. 1983, *(Eur. Phys. Soc.; Italian Minist. Educ.; Italian Minist. Sci. & Technol. Res.; et al) A.Zichichi (editor/s),* [Plenum: New York, USA 1985] 73464 (introductory abstract), 73590, 73945−6, 73961−2, 73983, 73994−6, 74012−14, 74020, 74033, 74097−9

Subnuclear physics - gauge interactions; Erice, Italy, 3-14 Aug. 1982, *(Italian Minist. Public Educ.; Italian Minist. Sci. & Technol. Res.; Sicilian Regional Gov.; Weizmann Inst. Sci) A.Zichichi (editor/s),* [New York, USA: Plenum 1984] 93551 (introductory abstract), 94065−7, 94087, 94098, 94111, 94128, 94142, 94148−9, 94153, 94159−62, 94567

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Thermophysical properties; Manchester, England, 17-21 Sept. 1984, *(IOP)* [1985] 80431, 80649, 81296, 81354−8, 81603−4, 82328

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Transport in nonstoichiometric compounds; University Park, PA, USA, 11-15 June 1984, *(NATO) G.Simkovich, V.S.Stubican (editor/s),* [New York, USA: Plenum 1985] 88421 (introductory abstract),

Transport phenomena in porous media; Newark, DE, USA, 18-27 July 1982, *(NATO) J.Bear, M.Y.Corapcioglu (editor/s),* [Dordrecht, Netherlands: Martinus Nijhoff 1984] 88427 (introductory abstract),

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- The Giotto Energetic Particle Experiment, ESA SP-1077. 93209
- The Giotto Halley Multicolour Camera, ESA SP-1077. 93214
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- Space missions to Halley's Comet, ESA SP-1066. (introductory abstract), 93203

Hungarian Acad. Sci., Budapest

- Canonical quantization of the relativistic theory of the Dirac monopole, KFKI-1986-12/A. 101862
- Comparison of crystallization kinetics determined by isothermal and non-isothermal methods, KFKI-1985-115. 90805
- Determination of the centre of gravity of the current distribution in the MT-1 tokamak, KFKI-1986-10/D. 99562
- Electromechanical effect in S^*_C liquid crystals, KFKI-1985-105. 80849
- Energy transfer problems of ball lightning, KFKI-1986-13/D. 105486
- Experiments on laser induced spontaneous bremsstrahlung radiated by electrons of metal surfaces and plasmas, KFKI-1985-103. 82152
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- First spacecraft observations of energetic particles near Comet Halley, KFKI-1986-17/C. 119822
- Half-classical three-body problem, KFKI-1986-04/A. 102024
- Icy-glue model of cometary nuclei, KFKI-1986-23/C. 119823
- In aid of in-core measurement processing, KFKI-1986-15/G. 102129
- Kronig-Penney model on a Fibonacci lattice, KFKI-1986-01/E. 91287
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- Program for calculation of the eigenvalues and eigenvectors of the MIM interaction matrix, KFKI-1985-102. 74586
- Quark degrees of freedom in nuclei, KFKI-1986-05/A. 94197
- Simulation of energetic ions in solids by Monte-Carlo method, KFKI-1985-107. 82231
- Stretched exponential dielectric relaxation in a charge density wave system, KFKI-1985-108. 81983
- Studies to the stochastic theory of the coupled reactorkinetic-thermohydraulic systems. VI. Analysis of low-frequency noise phenomena, KFKI-1986-11/G. 98478
- Theory of the nonstationary phase conjugation by four-wave mixing, KFKI-1986-25/E. 117176
- VEGA PLASMAG-1 experiment: description and first experimental results, KFKI-1986-03/C. 97719

Inst. Electr. & Electron. Eng., New York, USA

- American national standard metric practice, ANSI/IEEE Std 268-19. 88699
- American National Standard radio frequency radiation hazard warning symbol, ANSI C95.2-1982. 87728
- American national standard recommended practice for the measurement of hazardous electromagnetic fields - rf and microwave, ANSI C95.5-1981. 88708
- IEEE standard definitions of terms relating to fiber optics, ANSI/IEEE Std 812-1984. 80366
- IEEE standard for the design and qualification of Class 1E control boards, panels, and racks used in nuclear power generating stations, IEEE Std 420-1982. 84257
- IEEE standard specification format guide and test procedure for nongyroscopic inertial angular sensors: jerk, acceleration, velocity, and displacement, IEEE Std 671-1985. 88721

Inst. Nat. Recherche Inf. Autom., Le Chesnay, France

- Class of Boltzmann-type schemes for hyperbolic conservation laws, 488. 88687
- Hyperbolic systems in diagonal form with dissipation, in several spaces variables: existence and uniqueness results, 452. 88688
- Preliminary results on the iterative convergence of a class of implicit schemes, 490. 90581
- Scattering of elastic waves in a perturbed isotropic half space with a free boundary. The limiting absorption principle, 491. 120057
- Some aspects of high resolution numerical methods for hyperbolic systems of conservation laws, with applications to gas dynamics, 520. 121958

Ist. Naz. Fis. Nucl., Bologna, Italy

- Classical model of Kaluza-Klein theories with torsion, INFN/AE-86/3. 73630

Ist. Naz. Fis. Nucl., Catania, Italy

- Are muon neutrinos faster-than-light particles?: possible consequences for neutrino oscillations, PP/777. 116219
- Satisfactory formalism for magnetic monopoles by Clifford algebras, PP/774. 73941

Ist. Naz. Fis. Nucl., Genoa, Italy

- Preliminary results on 'Hagar' a high energy anticoincidence gamma ray spectrometer, INFN/BE-86/1. 74498
- Semiclassical scattering theory: nuclear elastic scattering, INFN/BE-85/4. 74182

Ist. Naz. Fis. Nucl., Legnaro, Italy

- Design, construction and test of the associated particle method vacuum scattering chamber of the L.N.L. neutron facility, INFN/TC-85/23. 74470

Ist. Naz. Fis. Nucl., Milan, Italy

- Ciclotroni commerciali in biomedicina: rassegna dei modelli attualmente disponibili (Commercial cyclotrons in biomedicine: review of presently available models), INFN/TC-86/2. 77871
- Construction and assembling of the trim coils for the Milan superconducting cyclotron, INFN/TC-86/14. 74473
- Control electronics for high power operation of the Milan superconducting cyclotron RF cavities, INFN/TC-86/6. 74472
- Device for the measurement of tension in large surgical sutures, INFN/TC-85/12. 83036
- Magnet structure of the Milan superconducting cyclotron, INFN/TC-84/25. 74471

Ist. Naz. Fis. Nucl., Naples, Italy

- Gamma decay of excited complex fragments emitted in the reaction $^{20}Ne+^{60}Ni$ at 742 MeV, INFN/BE-86/2. 74253

Ist. Naz. Fis. Nucl., Padua, Italy

- Study of the $^{89}Y(n,n'\gamma)^{89}Y$ reaction, INFN/BE-85/5. 74132

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- BWR main stream line break LOCA tests RUNs 951, 954 and 956 at ROSA-III. Break area effects with HPCS failure, JAERI-M-85-202. 110721

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SPEEDI: a computer code system for the real-time prediction of radiation dose to the public due to an accidental release, JAERI-1297. 77616
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Machine-Tool Inst., Moscow, USSR
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Max-Planck-Inst. Stromungsforschung, Gottingen, Germany
Elementary reactions of electronically excited molecules VI. Quenching of $O_2(^1\Delta_g)$ by amines , furanes, pyrroles, and thiophenes, Bericht 21/1985. 92400
Streutheoretische Untersuchung der Rotations-Beugungs-Kopplung und Studie zur Intensitatsabschwachung mit Hilfe eines optischen Modells: Rechnungen zu den Systemen H_2-LiF (001) und HD-Ag (111) (Theoretical scattering investigation of rotational-diffraction coupling and study of the intensity attenuation by means of an optical model: calculations on the systems H_2-LiF (001) and HD-Ag (111)), Bericht 16/1985. 86902

Nagoya Univ., Japan
Active diagnostics of magnetically confined alpha particles by pellet injection, IPPJ-757. 80743
Advanced ICRF antenna design for R-TOKAMAK, IPPJ-759. 80716
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Axial electric field driven by temperature anisotrophy in a bumpy torus equilibrium, IPPJ-753. 75728
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Nat. Acad. Press, Washington, DC, USA
Causes and effects of changes in stratospheric ozone: update 1983, (unnumbered). 105487

Nat. Bur. Stand., Washington, DC, USA
Direct measurement of the electric field of a laser pulse -Theory, NBS-TN-1084. 90205
Handbook for SRM users, NBS-SP-260-100. 78594
International review of environmental specimen banking, NBS-SP-706. 87440
NBS reactor: summary of activities July 1984 through June 1985, NBS-TN-1217. 89320
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Nat. Eng. Lab., East Kilbride, Scotland
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Nat. Lab. High Energy Phys., Ibaraki-ken, Japan
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Nat. Phys. Lab., Teddington, England
Analysis of laser frequency stability by heterodyne measurement, NPL-MOM-78. 90166
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Nat. Radiol. Protection Board, Harwell, Oxon., England
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Osaka District Meteorol. Obs., Japan
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Osterreichisches Forschungszentrum Seibersdorf GmbH, Vienna, Austria
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Phys.-Tech. Bundesanstalt, Braunschweig, Germany
Anfall radioaktiver Abfalle in der Bundesrepublik Deutschland - Abfallerhebung fur das Jahr 1984 (Amounts of radioactivity waste in West Germany - Capacity for the year 1984), PTB-SE-9. 110753
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Einfluss von Fremdatomen auf den Gitterparameter von Silicium (Influence of impurity atoms on the lattice parameter of silicon), PTB-APh-28. 107720
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Struktur der Zustandsfunktion realer Gase und Flussigkeiten (Structure of the equation of states of real gases and liquids), PTB-Me-69. 90624
Warmeleitfahigkeit einiger Gase von 30°C bis 190°C und ihre Beeinflussung durch Fremdgas-Desorption aus der Messapparatur (Heat conductivity of some gases from 30°C to 190°C and their influence on foreign gas desorption from the measurement apparatus), PTB-W-26. 88727

Radiat. Center of Osaka Prefecture, Japan
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Research Group for Explosion Seismology
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Royal Greenwich Obs., Herstmonceux Castle, East Sussex, England
Royal Greenwich Observatory. Telescopes, instruments, research and services. October 1 1980 - September 30 1985, (unnumbered). 78271

Rutherford Appleton Lab., Chilton, Oxon., England
Baryon propagator at strong coupling, RAL-86-013. 84064
Breakdown of long-distance correlation method determination of the O^{++} glueball mass?, RAL-86-024. 101915
Heterotic string and supersymmetric counterparts of the Lorentz Chern-Simons terms, RAL-86-021. 84069
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Sci. Applications Int. Corp., Marietta, GA, USA
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UKAEA, Harwell, Oxon., England
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Stress intensity factor solutions for edge cracked plates loaded under displacement control, ND-R-1337(R). 96984

Univ. Illinois at Urbana-Champaign, USA
Interpreting observations of physical systems, UIUCDCS-86-1248. 88476

Univ. Lyon, France
Moments quadrupolaires determines par orientation nucleaire (Quadrupole moment determinations for oriented nuclei), LYCEN/8576. 76858
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Univ. Oxford, England
Effect of cracks on the structural strength of beams and portal frames under impact, OUEL-1612/86. 121897
Thermodynamics and kinetics of A15 compound layer formation, OUEL-1609/85. 107923

List of Journals

The periodical and serial publications listed below are those which are currently received and scanned by INSPEC for its information services. Individual articles are selected for this abstracts journal if they are of sufficient quality and fall within the subject scope. Each entry contains the abbreviated title and country, the full title, and the publisher's name and address. The abbreviated title conforms to ISO 4-1972 (E) International Code for the Abbreviation of Titles of Periodicals and ISO 833-1974 (E) International List of Periodical Title Word Abbreviations.

A separate publication, *INSPEC List of Journals and other Serial Sources,* provides a comprehensive guide to INSPEC serial coverage from 1968 onwards. In addition to listing current serials, this publication provides details of all changed or discontinued titles. The main list is sorted under full title and each entry includes the abbreviated title, CODEN, ISSN, publisher's name and address, the date of the first issue covered by INSPEC, the publication frequency and the BLDSC shelf number. Cross-reference entries are provided to assist the user in locating titles within the list. CODEN, ISSN, abbreviated title, and country of publication indexes are included. A separate list of journals 'abstracted completely' is also provided. Details of the price of this publication may be obtained from the INSPEC Marketing Department.

16 Bit Comput. (GB)
16 Bit Computing Paradox Group Ltd., The Metropolitan, Enfield Road, London N1 5AZ, England.

73 Amat. Radio (USA)
73 Amateur Radio [Formerly: *73 Radio Amat. (USA)*] WGE Publishing, WGE Center, Peterborough, NH 03458-1194, USA.

73 Radio Amat. (USA)
73 for Radio Amateurs [Title changed to: *73 Amat. Radio (USA)*]

80 Micro (USA)
80 Micro CW Communications/Peterborough Inc., 80 Pine Street, Peterborough, NH 03458, USA.

A+: Indep. Guide Apple Comput. (USA)
A+: The Independent Guide for Apple Computing Ziff-Davis Publishing Co., One Park Avenue, New York, NY 10016, USA.

A & B Comput. (GB)
A&B Computing Argus Specialist Publications Ltd., Number One, Golden Square, London W1R 3AB, England.

AAS Photo-Bull. (USA)
AAS Photo-Bulletin American Astronomical Society, c/o A.G. Smith, Managing Editor, 211 Space Sciences Building, University of Florida, Gainesville, FL 32611, USA.

AAVSO Circ. (USA)
AAVSO Circular 25 Birch Street, Cambridge, MA 02138, USA.

AAVSO Rep. (USA)
AAVSO Report American Association of Variable Star Observers, 25 Birch Street, Cambridge, MA 02138, USA.

ABA Banking J. (USA)
ABA Banking Journal American Bankers Association, 345 Hudson Street, New York, NY 10014, USA.

Abacus (USA)
Abacus Springer-Verlag New York Inc., 175 Fifth Avenue, New York, NY 10010, USA.

ABI-Tech. (Germany)
ABI-Technik Karlheinz Holz, Friedrichstrasse 55, Postfach 33 29, 6200 Wiesbaden 1, Germany.

ABU Tech. Rev. (Japan)
ABU Technical Review Asian Broadcasting Union, Broadcasting Centre, 2-2-1 Jinnan, Shibuya-ku, Tokyo 150, Japan.

Acad. Rep. Fac. Eng. Tokyo Inst. Polytech. (Japan)
Academic Reports, Faculty of Engineering, Tokyo Institute of Polytechnics 1583 Iiyama, Atsugi-shi, Kanagawa 243-02, Japan.

Acad. Serbe Sci. & Arts, Glas, Cl. Sci. Tech. (Yugoslavia)
Academie Serbe des Sciences et des Arts, Glas, Classe des Sciences Techniques 11000 Beograd, Knez Mihailova 35, Yugoslavia.

Access (USA)
Access LEDS Publishing Co. Inc., 1014 Evergreen Drive, Durham, NC 27712, USA.

Access 86 (USA)
Access 86 [Formerly: *Online Data Access (USA)*] Data Base Publications Inc., 11754 Jollyville Road, Suite 104, Austin, TX 78759, USA.

Account. & Bus. Res. (GB)
Accounting and Business Research Institute of Chartered Accountants in England and Wales, Chartered Accountants' Hall, Moorgate Place, London EC2R 6EQ, England.

Account. Mag. (GB)
Accountant's Magazine Published for the Institute of Chartered Accountants of Scotland by The Accountant's Publishing Co. Ltd., 27 Queen Street, Edinburgh EH2 1LA, Scotland.

Accountancy (GB)
Accountancy Institute of Chartered Accountants in England and Wales, 40 Bernard Street, London WC1N 1LD, England.

Accountant (GB)
Accountant Lafferty Publications Ltd., 2 Pear Tree Court, London EC1R 0DS, England.

ACEC Rev. (Belgium)
ACEC Review Ateliers de Constructions Electriques de Charleroi, B.P. 4, B-6000 Charleroi, Belgium.

ACM SIGDOC Asterisk (USA)
ACM SIGDOC Asterisk Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

ACM Trans. Comput. Syst. (USA)
ACM Transactions on Computer Systems Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

ACM Trans. Database Syst. (USA)
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Acta Physica Austriaca [Title changed to: *Few-Body Syst. (Austria)*]

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Acute Care S. Karger AG, Postfach, CH-4009 Basel, Switzerland.

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Akust. Zh. (USSR)
Akusticheskii Zhurnal [English translation in: *Sov. Phys.-Acoust. (USA)*] Akademiya Nauk SSSR, Leninskii Prosp. 14, Moskva, USSR.
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Alarm Association of Electrical Engineers and Technicians of Croatia, Committee of Technical Security, Zagreb, Berislaviceva 6, Yugoslavia.

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Alfaatih University Bulletin of the Faculty of Engineering P.O. Box 1098, Tripoli, Libya.

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ALGOL Bulletin Editorial address: Department of Computer Science, University of Manchester, Manchester M13 9PL, England.

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ALLC Bulletin Association for Literary and Linguistic Computing. Subscription address: Dr. T.N. Corns, ALLC, Department of English, University College of North Wales, Bangor, Gwynedd LL57 2DG, Wales.

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Alternative Sources of Energy Alternative Sources of Energy Inc., 107 South Central Avenue, Milaca, NY 56353, USA.

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American Ceramic Society Bulletin 757 Brooksedge Plaza Drive, Westerville, OH 43081-2821, USA.

Am. J. EEG Technol. (USA)
American Journal of EEG Technology American Society of EEG Technologists Inc., Sixth at Quint, Carroll, IA 51401, USA.

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Annales Geophysicae Published for the European Geophysical Society by Gauthier-Villars. Subscription address: C.D.R. Centrale des Revues, 11 rue Gossin, F-92543 Montrouge Cedex, France.
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Annales Societatis Mathematicae Polonae, Series IV: Fundamenta Informaticae [Title changed to: *Fundam. Inf. (Netherlands)*]

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Annu. Univ. Sofia Fac. Phys. (Bulgaria)
Annuaire de l'Universite de Sofia Faculte de Physique Sofiya, Bulgaria.

Anritsu Tech. Bull. (Japan)
Anritsu Technical Bulletin Anritsu Electric Co. Ltd., 12-20, 4 chome, Minami-Azabu, Minato-ku, Tokyo, Japan.

Antic: Atari Resour. (USA)
Antic: The Atari Resource 524 Second Street, San Francisco, CA 94107, USA.

Apl. Mat. (Czechoslovakia)
Aplikace Matematiky Academia, Publishing House of the Czechoslovak Academy of Sciences, Vodickova 40, 112 29 Praha 1, Czechoslovakia.

APL Quote Quad (USA)
APL Quote Quad Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

Appl. Acoust. (GB)
Applied Acoustics Applied Science Publishers, Ripple Road, Barking, Essex, England.

Appl. Anal. (GB)
Applicable Analysis Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Appl. Electron. Tech. (China)
Applications of Electronic Technique Subscription address: Guoji Shudian, P.O.Box 2820, Beijing, People's Republic of China.

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Applied Energy Applied Science Publishers Ltd., Ripple Road, Barking, Essex, England.

Appl. Math. & Comput. (USA)
Applied Mathematics and Computation Elsevier North Holland Inc., 52 Vanderbilt Avenue, New York, NY 10017, USA.

Appl. Math. & Mech. (USA)
Applied Mathematics and Mechanics [Translation of: *Prikl. Mat. & Mekh. (USSR)*] Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523, USA.

Appl. Math. & Optimiz. (USA)
Applied Mathematics and Optimization Springer-Verlag Inc. New York, 175 Fifth Avenue, New York, NY 10010, USA.

Appl. Math. Modelling (GB)
Applied Mathematical Modelling Butterworth Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

Appl. Numer. Math. (Netherlands)
Applied Numerical Mathematics Elsevier Science Publishers B.V. (North-Holland), P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

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Applied Ocean Research C.M.L. Publications, Ashurst Lodge, Ashurst, Southampton SO4 2AA, England.

Appl. Opt. (USA)
Applied Optics Published for the Optical Society of America by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Appl. Phys. A (Germany)
Applied Physics A (Solids and Surfaces) Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33, Germany.
Supersedes in part: Applied Physics

Appl. Phys. B (Germany)
Applied Physics B (Photophysics and Laser Chemistry) Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33, Germany.
Supersedes in part: Applied Physics

Appl. Phys. Commun. (USA)
Applied Physics Communications Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA.

Appl. Phys. Lett. (USA)
Applied Physics Letters American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Appl. Radiat. & Isot. (GB)
Applied Radiation and Isotopes [Formerly: *Int. J. Appl. Radiat. & Isot. (GB)*] Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Appl. Sci. Res. (Netherlands)
Applied Scientific Research Martinus Nijhoff, Lange Voorhout 9, Den Haag, Netherlands.

Appl. Sol. Energy (USA)
Applied Solar Energy [Translation of: *Geliotekhnika (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Appl. Spectrosc. (USA)
Applied Spectroscopy Society for Applied Spectroscopy, 428 East Preston Street, Baltimore, MD 21202, USA.

Appl. Spectrosc. Rev. (USA)
Applied Spectroscopy Reviews Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA.

Appl. Surf. Sci. (Netherlands)
Applied Surface Science Elsevier Science Publishers B.V. (North-Holland Physics Publishing Division), P.O.Box 103, 1000 AC Amsterdam, Netherlands.

Apple Assem. Line (USA)
Apple Assembly Line S-C Software Corp., P.O.Box 280300, Dallas, TX 75228, USA.

Apple Orchard (USA)
Apple Orchard Published for International Apple Core Inc. by Orchard Potentials Inc., 908 George Street, Santa Clara, CA 95050, USA.

Apple User (GB)
Apple User Database Publications Ltd., Europa House, 68 Chester Road, Hazel Grove, Stockport SK7 5NY, England.

Appliance Manuf. (USA)
Appliance Manufacturer Cahners Publishing Co., 221 Columbus Avenue, Boston, MA 02116, USA.

Arab Gulf J. Sci. Res. (Saudi Arabia)
Arab Gulf Journal of Scientific Research Arab Bureau of Education for the Gulf States, P.O.Box 3908, Riyadh 11481, Saudi Arabia.

Arabian J. Sci. & Eng. (GB)
Arabian Journal for Science and Engineering Published for the University of Petroleum and Minerals, Dhahran, Saudi Arabia, by John Wiley and Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, England.

Arch. Acoust. (Poland)
Archives of Acoustics Polish Academy of Sciences, Palac Kultury i Nauki, 00-901 Warszawa, Poland.

Arch. Autom. & Telemech. (Poland)
Archiwum Automatyki i Telemechanika Polska Akademia Nauk, Editorial address, 00-818 Warszawa, ul. Krajowej Rady Naradowej 55, Poland.

Arch. Eisenbahntech. (Germany)
Archiv fur Eisenbahntechnik Hestra-Verlag, 61 Darmstadt, Holzhofallee 33, Germany.

Arch. Elektron. & Uebertragungstech. (Germany)
Archiv fur Elektronik und Ubertragungstechnik (Electronics and Communication) S. Hirzel Verlag, D-7 Stuttgart 1, Birkenwaldstrasse 44, Postfach 347, Germany.

Arch. Elektrotech. (Germany)
Archiv fur Elektrotechnik Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany.

Arch. Elektrotech. (Poland)
Archiwum Elektrotechniki Polska Akademia Nauk, Editorial address: 00-662 Warszawa, Ul. Koszykowa 75, Poland.

Arch. Hutn. (Poland)
Archiwum Hutnictwa Export-Import Enterprise 'Ruch', ul. Wilcza 46, Warszawa 1, Poland.

Arch. Math. Logik & Grundlagenforsch. (Germany)
Archiv fur Mathematische Logik und Grundlagenforschung Verlag W. Kohlhammer GmbH, Hessbruhlstrasse 69, Postfach 800 430, 7000 Stuttgart 80 (Vaihingen), Germany.

Arch. Mech. (Poland)
Archives of Mechanics (Archiwum Mechaniki Stosowanej) Polish Scientific Publishers, Swietokrzyska 21, Warszawa, Poland.

Arch. Meteorol. Geophys. & Bioclimatol. Ser. A (Austria)
Archives for Meteorology, Geophysics and Bioclimatology, Series A (Meteorology and Geophysics) [Title changed to: *Meteorol. & Atmos. Phys. (Austria)*]

Arch. Nauki o Mater. (Poland)
Archiwum Nauki o Materialach Polska Akademia Nauk. Editorial address: Instytut Fizyki i Chemii Metali, Uniw. Slaskiego, ul. Bankowa 12, 40-007 Katowice, Poland.

Arch. Post- & Fernmeldewes. (Germany)
Archiv fur das Post - und Fernmeldewesen Bundesministerium fur das Post- und Fernmeldewesen, Adenauerallee 81, 5300 Bonn 1, Germany.

Arch. Ration. Mech. & Anal. (Germany)
Archive for Rational Mechanics and Analysis Springer-Verlag, D1000 Berlin 33, Heidelberger Platz 3, Germany.

Arch. Sci. (Switzerland)
Archives des Sciences Societe de Physique et d'Histoire Naturelle de Geneve. Subscription address: Librairie Payot, 6 Rue Grenus, 1211 Geveva 11, Switzerland.

Archaeoastronomy (GB)
Archaeoastronomy [Issued with: *J. Hist. Astron. (GB)*]

Archaeometry (GB)
Archaeometry Research Laboratory for Archaeology and the History of Art, Oxford University, 6 Keble Road, Oxford OX1 3QJ, England.

Ark. Fys. Semin. Trondheim (Norway)
Arkiv for det Fysiske Seminar i Trondheim c/o Institutt for Teoretisk Fysikk, Universitetet i Trondheim, NTH, N-7034 Trondheim, Norway.

Arkansas Bus. & Econ. Rev. (USA)
Arkansas Business and Economic Review University of Arkansas, Bureau of Business and Economic Research, College of Business Administration, Fayetteville, AR 72701, USA.

ARMA Rec. Manage. Q. (USA)
ARMA Records Management Quarterly Association of Records Managers and Administrators Inc., 4200 Somerset Drive, Suite 215, Prairie Village, KS 66208, USA.

Artif. Intell. (Netherlands)
Artificial Intelligence North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands.

ASEA J. (Sweden)
ASEA Journal Allmanna Svenska Elektriska AB, S-721 83 Vasteras, Sweden.

Asian Comput. Mon. (Hong Kong)
Asian Computer Monthly Computer Publications Ltd., 7th Floor, 22 Wyndham Street, Hong Kong, Hong Kong.

Asian Sources Comput. Prod. (Hong Kong)
Asian Sources Computer Products Trade Media Ltd., G.P.O.Box 11411, Hong Kong, Hong Kong.

Asian Sources Electron. (Hong Kong)
Asian Sources Electronics Editorial address: Publishers Representatives Ltd., GPO Box 11411, Hong Kong, Hong Kong.

Asian Sources Electron. Components (Hong Kong)
Asian Sources Electronic Components Trade Media Ltd., G.P.O. Box 9929, Hong Kong, Hong Kong.

ASLE Trans. (USA)
ASLE Transactions American Society of Lubrication Engineers, 838 Busse Highway, Park Ridge, IL 60068, USA.

ASLIB Proc. (GB)
ASLIB Proceedings Information House, 26-27 Boswell Street, London WC1N 3JZ, England.

ASR - Bull. INORGA (Czechoslovakia)
ASR - Bulletin INORGA INORGA, Letenska 17, 118 08 Praha 1, Czechoslovakia.

Assem. Autom. (GB)
Assembly Automation IFS (Publications) Ltd., 35-39 High Street, Kempston, Bedford MK42 7BT, England.

ASTM Stand. News (USA)
ASTM Standardization News American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103, USA.

Astrofiz. Issled.-Izv. Spets. Astrofiz. Obs. (USSR)
Astrofizicheskie Issledovaniya-Izestiya Spetsial'noi Astrofizicheskoi Observatorii [English translation in: *Bull. Spec. Astrophys. Obs.-North Caucasus (USA)*] 'Nauka', Leningradskoe Otdelenie, 199164 Leningrad V-164, Mendeleevskaya Lin. d. 1, USSR.
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Astrofizika (USSR)
Astrofizika [English translation in: *Astrophysics (USA)*] Academy of the Armenian SSR, Erevan, USSR.
INSPEC coverage since vol.14, no.4 is from English translation

Astron. & Astrophys. (Germany)
Astronomy and Astrophysics Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany.

Astron. & Astrophys. Suppl. Ser. (France)
Astronomy & Astrophysics Supplement Series Editions de Physique, Z.I. de Courtaboeuf, B.P. 112, 91944 Les Ulis Cedex, France.

Astron. Circ. (Acad. Sin.) (China)
Astronomical Circulars (Academia Sinica) Academia Sinica, Beijing, People's Republic of China.

Astron. Express (GB)
Astronomy Express Cambridge University Press, The Pitt Building, Trumpington Street, Cambridge CB2 1RP, England.

Astron. Her. (Japan)
Astronomical Herald Astronomical Society of Japan, Tokyo Astronomical Observatory, Oosawa Mitaka, Tokyo, Japan.

Astron. J. (USA)
Astronomical Journal Published for the American Astronomical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Astron. Nachr. (Germany)
Astronomische Nachrichten Akademie-Verlag, DDR-108 Berlin, Leipziger Strasse 3-4, Germany.

Astron. Tidsskr. (Sweden)
Astronomisk Tidsskrift Editorial address: Institutionen for Astronomi, 222 24 Lund, Sweden.

Astron. Vestn. (USSR)
Astronomicheskii Vestnik [English translation in: *Sol. Syst. Res. (USA)*] ab/yasht 918, Moskva, K-9, USSR.
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Astron. Zh. (USSR)
Astronomicheskii Zhurnal [English translation in: *Sov. Astron. (USA)*] Agent: Mezhdunarodnaya Kniga, Moskva, USSR.
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Astronomer (GB)
The Astronomer Editorial address: Guy M. Hurst, 16 Westminster Close, Kempshott Rise, Basingstoke, Hants. RG22 4PP, England.

Astronomie (France)
L'Astronomie Societe Astronomique de France, 3 rue Beethoven, 75016 Paris, France.

Astronomy (USA)
Astronomy Astro Media Corp., 625 E. St. Paul Avenue, P.O.Box 92788, Milwaukee, WI 53202, USA.

Astrophys. & Space Sci. (Netherlands)
Astrophysics and Space Science D. Reidel Publishing Co., P.O. Box 17, 3300 AA Dordrecht, Netherlands.
Incorporates Cosmic Electrodynamics

Astrophys. J. (USA)
Astrophysical Journal University of Chicago Press, 5801 Ellis Avenue, Chicago, IL 60637, USA.

Astrophys. J. Lett. Ed. (USA)
Astrophysical Journal. Letters to the Editor University of Chicago Press, 5801 Ellis Avenue, Chicago, IL 60637, USA.

Astrophys. J. Suppl. Ser. (USA)
Astrophysical Journal Supplement Series University of Chicago Press, 5801 S. Ellis Avenue, Chicago, IL 60637, USA.

Astrophys. Lett. (GB)
Astrophysical Letters Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Astrophysics (USA)
Astrophysics [Translation of: *Astrofizika (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

At. & Strom (Germany)
Atom und Strom Vereinigung Deutscher Elektrizitatswerke, Verlags-u. Wirtschaftsgesellschaft der Elektrizitatswerke, Stresemannallee 23, 6000 Frankfurt (Main) 70, Germany.

At. Data & Nucl. Data Tables (USA)
Atomic Data and Nuclear Data Tables Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.
Formed by merger of Atomic Data and Nuclear Data Tables

At. Energ. (USSR)
Atomnaya Energiya [English translation in: *Sov. At. Energy (USA)*] Akademiya Nauk SSR, Leninskii Prosp. 14, Moskva, USSR.
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At. Energy Rev. Spec. Issue (Austria)
Atomic Energy Review, Special Issue International Atomic Energy Agency, Wagramerstrasse 5, P.O.Box 100, A-1400 Vienna, Austria.

At. Spectrosc. (USA)
Atomic Spectroscopy Perkin-Elmer Corp., Main Avenue, Norwalk, CT 06856, USA.

AT&T Tech. J. (USA)
AT&T Technical Journal 550 Madison Avenue, New York, NY 10022, USA.

Atmos. Environ. (GB)
Atmospheric Environment Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England.

Atmos. Res. (Netherlands)
Atmospheric Research [Formerly: *J. Rech. Atmos. (France)*] Elsevier Science Publishers, P.O.Box 330, 1000 AH Amsterdam, Netherlands.

Atmos. Technol. (USA)
Atmospheric Technology National Center for Atmospheric Research, Post Office Box 3000, Boulder, CO 80303, USA.

Atom (GB)
Atom United Kingdom Atomic Energy Authority, 11 Charles II Street, London, SW1Y 4QP, England.

Atomkernenerg. Kerntech. (Germany)
Atomkernenergie Kerntechnik Carl Hanser Verlag, 8000 Munchen 86, Postfach 86 04 20, Germany.

Atomwirtsch.-Atomtech. (Germany)
Atomwirtschaft-Atomtechnik Handelsblatt GmbH, 4 Dusseldorf 1, Kreuzstrasse 21, Postfach 1102, Germany.

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Atti della Accademia Ligure di Scienze e Lettere Palazzo Reale, Via Balbi 10, 16126 Genova, Italy.

Atti Accad. Naz. Lincei, Rend. Cl. Sci. Fis. Mat. & Nat. (Italy)
Atti della Accademia Nazionale dei Lincei. Rendiconti, Classe di Scienze Fisiche, Matematiche e Naturali Via della Lungara 10, 000165 Roma, Italy.

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Atti della Accademia delle Scienze dell' Istituto di Bologna, Classe di Scienze Fisiche, Rendiconti, Serie XIII Bologna, Italy.

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Atti della Accademia delle Scienze di Torino. I. Classe di Scienze Fisiche, Mathematiche e Naturali Via Accademia delle Scienze 6, Via Maria Vittoria 3, Torino (208), Italy.

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Atti della Fondazione Giorgio Ronchi Largo Enrico Fermi 1, 50125 Arcetri-Firenze, Italy.

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Atti del Seminario Matematico e Fisico dell' Universita di Modena Modena, Italy.

Atti Soc. Peloritana Sci. Fis. Mat. & Nat. (Italy)
Atti della Societa Peloritana di Scienze Fisiche Mathematiche e Naturali Universita di Messina, Messina, Italy.

Audio Visual (GB)
Audio Visual Maclaren Publishers, P.O.Box 109, Maclaren House, Scarbrook Road, Croydon, Surrey CR9 1QH, England.

Audiol. Akust. (Germany)
Audiologische Akustik (Audiological Acoustics) Median Verlag, 6900 Heidelberg 1, P.O.Box 103964, Germany.

Aust. Comput. J. (Australia)
Australian Computer Journal Australian Computer Society Inc., P.O.Box N26, Grosvenor Street, Sydney, NSW 2000, Australia.

Aust. Comput. Sci. Commun. (Australia)
Australian Computer Science Communications Department of Information Science, University of Tasmania, G.P.O. Box 252C Hobart, Tasmania 7001, Australia.

Aust. Electr. World (Australia)
Australian Electrical World Strand Publishing Pty. Ltd., 432 Queen Street, Brisbane 4000, Australia.

Aust. Electron. Eng. (Australia)
Australian Electronics Engineering Thomson Publications (Australia) Pty. Ltd., 47 Chippen Street, Chippendale, N.S.W. 2008, Australia.

Aust. J. Audiol. (Australia)
Australian Journal of Audiology Audiological Society of Australia, c/o National Acoustic Laboratories, 5 Hickson Road, Sydney, NSW, Australia.

Aust. J. Geod. Photogramm. & Surv. (Australia)
Australian Journal of Geodesy, Photogrammetry and Surveying School of Surveying, University of New South Wales, P.O.Box 1, Kensington, NSW 2033, Australia.

Aust. J. Instrum. & Control (Australia)
Australian Journal of Instrumentation and Control Research Publications Pty. Ltd., 12 Terra Cotta Drive, Blackburn, Vict. 3130, Australia.

Aust. J. Phys. (Australia)
Australian Journal of Physics CSIRO, 314 Albert Street, East Melbourne, Victoria 3002, Australia.

Aust. J. Phys. Astrophys. Suppl. (Australia)
Australian Journal of Physics, Astrophysical Supplement CSIRO, 314 Albert Street, East Melbourne, Vic. 3002, Australia.

Aust. Meteorol. Mag. (Australia)
Australian Meteorological Magazine Bureau of Meteorology, GPO Box 1289K, Melbourne, Vic. 3001, Australia.

Aust. Phys. (Australia)
Australian Physicist Australian Institute of Physics, Science Centre, 35-43 Clarence Street, Sydney, NSW 2000, Australia.

Aust. Telecommun. Res. (Australia)
Australian Telecommunication Research Telecommunication Society of Australia, Box 4050, G.P.O., Melbourne, Victoria 3001, Australia.

Australas. Phys. & Eng. Sci. Med. (Australia)
Australasian Physical & Engineering Sciences in Medicine Mr. K.H. Clarke, Unit of Physical Sciences, Cancer Institute, 481 Little Lonsdale Street, Melbourne, Victoria 3000, Australia.

Auto-Volt Electrauto (France)
Auto-Volt Electrauto 49 rue de Maubeuge, 75009 Paris, France.

Autom. & Control (New Zealand)
Automation and Control Associated Group Media Ltd., Certified Concrete Building, Madeira Place, Auckland 1, New Zealand.

Autom. & Instrum. (Spain)
Automatica e Instrumentacion [Formerly: *Regul. & Mando Autom. (Spain)*] CETISA - Compania Espanola de Editoriales Tecnologicas Internacionales S.A., Concepcion Arenal 5-7, 08027 Barcelona, Spain.

Autom. & Remote Control (USA)
Automation and Remote Control [Translation of: *Avtom. & Telemekh. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Autom. & Strum. (Italy)
Automazione e Strumentazione Associazione Nazionale Italiana per l'Automazione, Via Le Premuda 2, 21029 Milano, Italy.

Autom. Control & Comput. Sci. (USA)
Automatic Control and Computer Sciences [Translation of: *Avtom. & Vychisl. Tekh. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Autom. Data Process. Inf. Bull. (Belgium)
Automatic Data Processing Information Bulletin International Social Security Association, Data Processing Consultative Service, Boulevard de l'Empereur 7, B-1000 Brussels, Belgium.

Autom. Doc. & Math. Linguist. (USA)
Automatic Documentation and Mathematical Linguistics [Translation of: *Nauchno-Tekh. Inf. Ser. 2 (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Autom. Electr. Power Syst. (China)
Automation of Electric Power Systems Automation of Electric Power Systems Press, P.O.Box 323, Nanjing, People's Republic of China.

Autom. Mach. (USA)
Automatic Machining Screw Machine Publishing Co. Inc., 65 Broad Street, Rochester, NY 14614, USA.

Autom. Monit. & Meas. (GB)
Automatic Monitoring and Measuring [Title changed to: *Optoelectron. Instrum. & Data Process. (USA)*]

Autom. Prod. Inf. Ind. (France)
Automatique Productique Informatique Industrielle (Automatic Control Production Systems) C.D.R./Centrale des Revues, 11 rue Gossin, 92543 Montrouge Cedex, France.

Autom. Weld. (GB)
Automatic Welding [Translation of: *Avtom. Svarka (USSR)*] Welding Institute, Abington Hall, Abington, Cambridge CB1 6AL, England.

Automatica (GB)
Automatica Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England.

Automatie (Netherlands)
Automatie Breedenbroekseweg 8A, 7083 AT Voorst, Netherlands.

Automatika (Yugoslavia)
Automatika Zagreb, Unska Ulica br.3, Postanski Pretinac 123, Yugoslavia.

Automation (GB)
Automation United Trade Press, 33-39 Bowling Green Lane, London EC1R 0DA, England.

Automatisierungstech. Prax. (Germany)
Automatisierungstechnische Praxis R. Oldenbourg Verlag GmbH, Rosenheimer Strasse 145, D-8000 Munchen 80, Germany.

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Automatisierungstechnik R. Oldenbourg Verlag GmbH, Rosenheimer Strasse 145, D-8000 Munchen 80, Germany.

Automatizace (Czechoslovakia)
Automatizace SNTL, 11302 Praha 1, Spalena ul, 51, Czechoslovakia.

Automedica (GB)
Automedica Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Automot. Eng. (USA)
Automotive Engineering Society of Automotive Engineers Inc., 400 Commonwealth Drive, Warrendale, PA 15096, USA.

Autophon Bull. (Switzerland)
Autophon Bulletin Autophon AG, Ziegelmattstrasse 1-15, CH-4500 Solothurn, Switzerland.

Avh. Nor. Vidensk.-Akad. Oslo I (Norway)
Avhandlingar utgitt av det Norske Videnskaps-Akademi i Oslo, I. Mathematisk-Naturvidenskaplige Klasse Faculty of Mathematics and Science, University of Oslo, Blindern per Oslo, Norway.

Avtom. & Telemekh. (USSR)
Avtomatika i Telemekhanika [English translation in: *Autom. & Remote Control (USA)*] Akademiya Nauk SSSR, Leninskii Prosp. 14, Moskva, USSR.
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Avtom. & Vychisl. Tekh. (USSR)
Avtomatika i Vychislitel'naya Tekhnika [English translation in: *Autom. Control & Comput. Sci. (USA)*] Academy of Sciences of Latvian SSR, Riga, USSR.
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Avtom. Svarka (USSR)
Avtomaticheskaya Svarka [English translation in: *Autom. Weld. (GB)*] Ukrainian SSR Academy of Sciences, Arc Welding Institute, Kiev, USSR.
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Avtomatika (USSR)
Avtomatika [English translation in: *Sov. Autom. Control (USA)*] Institution of Cybernetics, 102 Brest-Litovskii Prosp., Kiev 57, USSR.
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Avtometriya (USSR)
Avtometriya [English translation in: *Optoelectron. Instrum. & Data Process. (USA)*] Izdatel'stvo Nauka, Sibirskoe Otdelenie, 630099, Novosibirsk 99, Sovetskaya 18, USSR.
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Bangladesh J. Sci. & Ind. Res.
Bangladesh Journal of Scientific and Industrial Research Bangladesh Council of Scientific and Industrial Research, Dacca, Bangladesh.

Bank Mark. (USA)
Bank Marketing Bank Marketing Association, 309 West Washington Street, Chicago, IL 60606, USA.

Bank Syst. & Equip. (USA)
Bank Systems & Equipment Gralla Publications, 1515 Broadway, New York, NY 10036, USA.

Banking World (GB)
Banking World Institute of Bankers, 10 Lombard Street, London EC3V 9AS, England.
Formed by merger of Journal of the Institute of Bankers and Bankers' Magazine

Beck Isoliertech. (Germany)
Beck Isoliertechnik Beck Elektro-Isoliersysteme, 200 Hamburg 28, Postfach 280 180, Grossmannstrasse 105, Germany.

BEEBUG (GB)
BEEBUG BEEBUG Publications Ltd., P.O.Box 50, St. Albans, Herts. AL1 2AR, England.

Behav. & Inf. Technol. (GB)
Behaviour and Information Technology Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, England.

Behav. & Soc. Sci. Libr. (USA)
Behavioral & Social Sciences Librarian Haworth Press Inc., 28 East 22 Street, New York, NY 10010, USA.

Behav. Res. Methods Instrum. & Comput. (USA)
Behavior Research Methods, Instruments, & Computers Psychonomic Society Inc., 2904 Guadalupe Street, Austin, TX 78705, USA.

Behav. Sci. (USA)
Behavioral Science Systems Science Publications, University of Louisville, Louisville, KY 40208, USA.

Beitr. Plasma Phys. (Germany)
Beitrage aus der Plasma Physik Akademie-Verlag, 108 Berlin, Leipzigerstrasse 3-4, Germany.

Belg. J. Oper. Res. Stat. & Comput. Sci. (Belgium)
Belgian Journal of Operations Research, Statistics and Computer Science SOGESCI, 53 rue de la Concorde, B-1050 Bruxelles, Belgium.

Belgelectro-Export (Belgium)
Belgelectro-Export 21 rue des Drapiers, 1050 Bruxelles, Belgium.

Ber. Bunsenges. Phys. Chem. (Germany)
Berichte der Bunsengesellschaft fur Physikalische Chemie Verlag Chemie, 694 Weinheim/Bergstrasse, Postfach 1260/1280, Germany.

Beskontaktn. Elektr. Mash. (USSR)
Beskontaktnye Elektricheskie Mashiny Izdatel'stvo 'Zinatne', Riga, USSR.

Best's Rev. Life/Health Insur. Ed. (USA)
Best's Review - Life/Health Insurance Edition A.M. Best Co. Inc., Columbia Turnpike, Box 232, Rensselaer, NY 12144, USA.

Best's Rev. Prop./Casualty Insur. Ed. (USA)
Best's Review - Property/Casualty Insurance Edition A.M. Best Co. Inc., Columbia Turnpike, Box 232, Rensselaer, NY 12144, USA.

BHEL J. (India)
BHEL Journal Bharat Heavy Electricals Ltd., 18-20 Kasturba Gandhi Marg, New Delhi 110 001, India.

Biochem. Eng. J. (Switzerland)
Biochemical Engineering Journal [Issued with: *Chem. Eng. J. (Switzerland)*]

Bioelectromagnetics (USA)
Bioelectromagnetics Alan R. Liss Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Biofeedback & Self-Regul. (USA)
Biofeedback and Self-Regulation Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA.

Biofizika (USSR)
Biofizika [English translation in: *Biophysics (GB)*] Izdatel'stvo 'Nauka', Moskva, USSR.
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Biol. Cybern. (Germany)
Biological Cybernetics Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany.

Biomass (GB)
Biomass Applied Science Publishers Ltd., Ripple Road, Barking, Essex, England.

Biomater. Med. Devices & Artif. Organs (USA)
Biomaterials, Medical Devices, and Artificial Organs Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA.

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Biomaterials Butterworth Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

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Biomedical Engineering [Translation of: *Med. Tekh. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA.

Biomed. Tech. (Germany)
Biomedizinische Technik (Biomedical Engineering) Fachverlag Schiele & Schon GmbH, D-1000 Berlin 61, Markgrafenstrasse 11, Germany.

Biometrics (USA)
Biometrics Biometric Society, 806 15th Street NW, Suite 621, Washington, DC 20005, USA.

Biometrika (GB)
Biometrika Biometrika Trust, Biometrika Office, University College London, Gower Street, London, WC1E 6BT, England.

Bionika (USSR)
Bionika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR.

Biophys. J. (USA)
Biophysical Journal Rockefeller University Press, 1230 York Avenue, New York, NY 10021, USA.

Biophysics (GB)
Biophysics [Translation of: *Biofizika (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 OBW, England.

Biorheology (GB)
Biorheology Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

BIT (Denmark)
BIT Data A/S, Kronprinsensgade 14, DK 1114 Kobenhavn K, Denmark.

BKSTS J. (GB)
BKSTS Journal [Title changed to: *Image Technol. (GB)*]

BMR J. Aust. Geol. & Geophys. (Australia)
BMR Journal of Australian Geology & Geophysics Bureau of Mineral Resources, Geology & Geophysics, P.O. Box 378, Canberra, A.C.T. 2601, Australia.

BOCAAD (Bull. Comput. Aided Archit. Des.) (GB)
BOCAAD (Bulletin of Computer Aided Architectural Design) Editorial address: ABACUS, Department of Architecture and Building Science, University of Strathclyde, 131 Rottenrow, Glasgow G4 0NG, Scotland.

Bol. Fac. Ing. Univ. Repub. (Uruguay)
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Bol. Inst. Tonantzintla (Mexico)
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Boll. Oceanol. Teor. & Appl. (Italy)
Bollettino di Oceanologia Teorica ed Applicata Osservatorio Geofisico Sperimentale, C.P. 2011, 34016 Opicina (Trieste), Italy.

Bosch Tech. Ber. (Germany)
Bosch Technische Berichte Robert Bosch GmbH, Postfach 50, D-7000 Stuttgart 1, Germany.
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Boundary-Layer Meteorol. (Netherlands)
Boundary-Layer Meteorology D. Reidel Publishing Co., P.O. Box 17, 3300 AA Dordrecht, Netherlands.

Br. Astron. Assoc. Circ. (GB)
British Astronomical Association Circular Burlington House, Piccadilly, London W1V 0NL, England.

Br. Ceram. Proc. (GB)
British Ceramic Proceedings [Formerly: *Proc. Br. Ceram. Soc. (GB)*] Institute of Ceramics, Shelton House, Stoke Road, Shelton, Stoke-on-Trent, Staffs. ST4 2DR, England.

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British Journal of Non-Destructive Testing British Institute of Non-Destructive Testing, 1 Spencer Parade, Northampton NN1 5AA, England.

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British Journal for the Philosophy of Science Cambridge University Press, Bentley House, 200 Euston Road, London, NW1 2DB, England.

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British Journal of Photography Henry Greenwood & Co. Ltd., 28 Great James Street, London WC1N 3HL, England.

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British Journal of Radiology British Institute of Radiology, 36 Portland Place, London W1N 3DG, England.

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British Polymer Journal Society of Chemical Industry, 14 Belgrave Square, London, SW1, England.

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Brennst.-Waerme-Kraft (BWK) (Germany)
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Brown Boveri Rev. (Switzerland)
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Buletinul Universitatii din Brasov, Seria A (Mecanica Aplicata, Electrotehnica si Electronica, Constructia de Masini si Tehnologia Prelucrarii Metalelor) Brasov, Rumania.

Bulg. J. Phys. (Bulgaria)
Bulgarian Journal of Physics Bulgarian Academy of Sciences, Faculty of Physics, 5 Anton Ivanov Blvd., 1126 Sofia, Bulgaria. Incorporates Izvestiya na Fizicheskiya Institut s ANEB and Izvestiya na Instituta po Elektronika

Bull. Acad. Sci. USSR, Phys. Ser. (USA)
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Business Quarterly School of Business Administration, University of Western Ontario, London, Ont. N6A 5B9, Canada.

Bus. Software (USA)
Business Software M&T Publishing Inc., 2464 Embarcadero Way, Palo Alto, CA 94303, USA.

Bus. Software Rev. (UK Ed.) (GB)
Business Software Review (UK Edition) [Formerly: *ICP Bus. Software Rev. (Eur. Ed.) (GB)*] ICP Software Information Ltd., 6-8 Cole Street, London SE1 4YH, England.

Bus. Software Rev. (USA)
Business Software Review [Formerly: *ICP Bus. Software Rev. (USA)*] International Computer Programs Inc., 9000 Keystone Crossing, P.O.Box 40946, Indianapolis, IN 46240, USA.

Bus. Syst. & Equip. (GB)
Business Systems and Equipment Maclean-Hunter Ltd., 76 Oxford Street, London, W1N 9FD, England.

BYTE (USA)
BYTE BYTE Publications Inc., 70 Main Street, Peterborough, NH 03458, USA.

CA Mag. (Canada)
CA Magazine Canadian Institute of Chartered Accountants, 250 Bloor Street East, Toronto, M4W 1G5, Canada.

Cable & Satell. Eur. (GB)
Cable & Satellite Europe Cable & Satellite Magazine Ltd., 533 Kings Road, London SW10 0TZ, England.

Cable Telev. Eng. (GB)
Cable Television Engineering Society of Cable Television Engineers, 10 Avenue Road, Dorridge, Solihull, Warwickshire, England.

CAD/CAM Dig. (GB)
CAD/CAM Digest CAD/CAM Publications Ltd., 170A Park Road, Peterborough, England.

CadCam Int. (GB)
CadCam International EMAP Business & Computer Publications Ltd., 67 Clerkenwell Road, London EC1R 5BH, England.

CAE J. (Germany)
CAE Journal Dr. Alfred Huthig Verlag GmbH, Im Weiher 10, Postfach 10 28 69, 6900 Heidelberg 1, Germany.

Cah. Anal. Donnees (France)
Cahiers de l'Analyse des Donnees C.D.R. Centrale des Revues, 11 rue Gossin, 92543 Montrouge Cedex, France.

Cah. Cent. Etud. Rech. Oper. (Belgium)
Cahiers du Centre d'Etudes de Recherche Operationelle c/o Institut de Statistique de l'U.L.B., C.P. 210, Boulevard du Triomphe, 1050 Bruxelles, Belgium.

Cah. Groupe Fr. Rheol. (France)
Cahiers de Groupe Francais de Rheologie 68, Bd. St-Michel, 75006 Paris, France.

Calcolo (Italy)
Calcolo Istituto di Elaborazione della Informazione del CNR, Via S. Maria 46, 56100 Pisa, Italy.

CALICO J. (USA)
CALICO Journal Computer-Assisted Language Learning and Instruction Consortium, 3078 JKHB, Brigham Young University, Provo, UT 84602, USA.

Call-A.P.P.L.E. (USA)
Call-A.P.P.L.E Apple Puget Sound Program Library Exchange, 21246 68th Avenue South, Kent, WA 98032, USA.

CALPHAD: Comput. Coupling Phase Diagrams & Thermochem. (GB)
CALPHAD: Computer Coupling of Phase Diagrams and Thermochemistry Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Can. Acoust./Acoust. Can. (Canada)
Canadian Acoustics/Acoustique Canadienne Canadian Acoustical Association, P.O.Box 3651, Station 'C', Ottawa, Ont. K1Y 4J7, Canada.

Can. Aeronaut. & Space J. (Canada)
Canadian Aeronautics and Space Journal Canadian Aeronautics and Space Institute, Saxe Building, 60-75 Sparks Street, Ottawa, Ontario K1P 5A5, Canada.

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Canadian Business CB Media Ltd., 70 The Esplanade, 2nd Floor, Toronto, Ont. M5E 1R2, Canada.

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Canadian Datasystems Maclean-Hunter Ltd., 481 University Avenue, Toronto M5W 1A7, Canada.

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Canadian Electrical Engineering Journal Engineering Institute of Canada, Suite 700, EIC Building, 2050 Mansfield Street, Montreal, Canada.

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Can. J. Chem. Eng. (Canada)
Canadian Journal of Chemical Engineering Canadian Society for Chemical Engineering, 151 Slater Street, Ottawa, Ontario, K1P 5H3, Canada.

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Canadian Journal of Communication Canadian Communication Association. Editorial adddress: St. Thomas More College, 1437 College Drive, Saskatoon, Sask. S7N 0W6, Canada.

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Canadian Journal of Earth Sciences National Research Council of Canada, Ottawa K1A OR6, Canada.

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Can. J. Remote Sensing (Canada)
Canadian Journal of Remote Sensing Canadian Aeronautics and Space Institute, 222 Somerset Street West, Suite 601, Ottawa, Ont. K2P 0J1, Canada.

Can. J. Spectrosc. (Canada)
Canadian Journal of Spectroscopy Polyscience Publications Inc., 555 Legendre E., Suite 24, Montreal, Que. H2M 1G2, Canada.

Can. Libr. J. (Canada)
Canadian Library Journal Canadian Library Association, 151 Sparks Street, Ottawa, Ont. K1P 5E3, Canada.

Can. Metall. Q. (Canada)
Canadian Metallurgical Quarterly Pergamon Press Canada Ltd., 150 Consumers Road, Suite 104, Willowdale, Ont. M2J 1P9, Canada.
Not covered for the period June-Sept. 1976 to Oct.-Dec. 1985

Carbon (GB)
Carbon Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 OBW, England.

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Cataloging & Classification Quarterly Haworth Press Inc., 28 East 22 Street, New York, NY 10010, USA.

Cathode Press (USA)
Cathode Press Machlett Labs. Inc., 42 Camp Avenue, Springdale, CT 06879, USA.

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CED International Thomson Communications Inc., 600 Grant Street, Denver, CO 80203, USA.

CEGB Res. (GB)
CEGB Research Central Electricity Generating Board, Courtenay House, 18 Warwick Lane, London, EC4P 4EB, England.

Celestial Mech. (Netherlands)
Celestial Mechanics D. Reidel Publishing Co., P.O. Box 17, 3300 AA Dordrecht, Netherlands.

Ceram. Int. (Italy)
Ceramics International Ceramurgica s.r.l., Corso Mazzini 54/3, I-48018 Faenza, Italy.

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Cerberus Alarm Cerberus Ltd., CH-8708 Mannedorf, Switzerland.

Cerberus Electron. (Switzerland)
Cerberus Electronic Cerberus Ltd., CH 8708 Mannedorf, Switzerland.

CERN Cour. (Switzerland)
CERN Courier European Organization for Nuclear Research, CERN, 1211 Geneva 23, Switzerland.

Certif. Eng. (S. Africa)
Certificated Engineer Institution of Certificated Mechanical & Electrical Engineers SA, P.O. Box 61019, Marshalltown, Transvaal, South Africa.

Cesk. Cas. Fyz. Sekce A (Czechoslovakia)
Ceskoslovensky Casopis pro Fyziku, Sekce A Academia Publishing House of the Czechoslovak Academy of Sciences, Vodickova 40, 112 29 Praha 1, Czechoslovakia.

Cesk. Inf. Teor. & Praxe (Czechoslovakia)
Ceskoslovenska Informatika, Teorie a Praxe Editorial address: 11357 Praha 1, Konviktska 5, Czechoslovakia.

CEX (Taiwan)
CEX IBS Publications, P.O.Box 55-879, Taipei, Taiwan.

CFI-Ceram. Forum Int. Ber. Dtsch. Keram. Ges. (Germany)
CFI-Ceramic Forum International-Berichte der Deutschen Keramischen Gesellschaft Bauverlag GmbH, Postfach 1460, Wittelsbacherstrasse 10, D-6200 Wiesbaden, Germany.

Chain Store Age Executive (USA)
Chain Store Age Executive Lebhar-Friedman Inc., 425 Park Avenue, New York, NY 10022, USA.

Chart. Mech. Eng. (GB)
Chartered Mechanical Engineer Institution of Mechanical Engineers, P.O. Box 24, Northgate Avenue, Bury St. Edmunds, Suffolk IP32 6BW, England.

Chem. Eng. (GB)
Chemical Engineer Institution of Chemical Engineers, 15 Belgrave Square, London, SW1X 8PT, England.

Chem. Eng. (USA)
Chemical Engineering McGraw-Hill Inc., McGraw-Hill Building, 1221 Avenue of the Americas, New York, NY 10020, USA.

Chem. Eng. & Process. (Switzerland)
Chemical Engineering and Processing Elsevier Sequoia S.A., P.O.Box 851, 1001 Lausanne 1, Switzerland.

Chem. Eng. Aust. (Australia)
Chemical Engineering in Australia Institution of Engineers, Australia, College of Chemical Engineers, 11 National Circuit, Barton ACT, Australia.

Chem. Eng. J. (Switzerland)
Chemical Engineering Journal Elsevier Sequoia S.A.; P.O. Box 851, 1001 Lausanne 1, Switzerland.

Chem. Eng. Prog. (USA)
Chemical Engineering Progress American Institute of Chemical Engineers, 345 East 47th Street, New York, NY 10017, USA.
From April 1977 to Aug. 1986 published under the title CEP (Chemical Engineering Progress)

Chem. Eng. Res. & Des. (GB)
Chemical Engineering Research & Design Institution of Chemical Engineers, George E. Davis Building, 165-171 Railway Terrace, Rugby CV21 3HQ, England.

Chem. Eng. Sci. (GB)
Chemical Engineering Science Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 OBW, England.

Chem. Geol. (Isot. Geosci. Sect.) (Netherlands)
Chemical Geology (Isotope Geoscience Section) Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Chem. Ing. Tech. (Germany)
Chemie Ingenieur Technik VCH Verlagsgesellschaft mbH, Pappelallee 3, P.O.Box 1260/1280, D-6940 Weinheim, Germany.

Chem. Phys. (Netherlands)
Chemical Physics North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Chem. Phys. Lett. (Netherlands)
Chemical Physics Letters North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Chem. Prod. (Germany)
Chemische Produktion Europa-Fachpresse-Verlag GmbH, Leopoldstrasse 175, Postfach 40 05 80, D-8000 Munchen 40, Germany.

Chem. Scr. (GB)
Chemica Scripta Published for the Royal Swedish Academy of Sciences by Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, England.

Chem. Tech. (Germany)
Chemische Technik VEB Deutscher Verlag fur Grundstoffindustrie, 7031 Leipzig, Karl-Heine-Strasse 27, Germany.

Chemoautomatyka (Poland)
Chemoautomatyka [Issued with: *Pomiary Autom. Kontrola (Poland)*]

Chemtech (USA)
Chemtech American Chemical Society, 1115 Sixteenth Street, N.W., Washington, DC 20036, USA.

Chief Executive (GB)
Chief Executive Morgan-Grampian Ltd., Morgan-Grampian House, Calderwood Street, London SE18 6QH, England.

Chin. Astron. (GB)
Chinese Astronomy [Translation of: *Acta Astron. Sin. (China)*] Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.
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Chin. Astron. & Astrophys. (GB)
Chinese Astronomy and Astrophysics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.
Selected translation from Acta Astronomica Sinica, Acta Astrophysica Sinica and Chinese Journal of Space Science.
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Chinese Journal of Biomedical Engineering Chinese Society of Biomedical Engineering, 9 Dong Dan San Tiao, Beijing, People's Republic of China.

Chin. J. Comput. (China)
Chinese Journal of Computers Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, People's Republic of China.

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Chinese Journal of Infrared Research Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, People's Republic of China.

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Chinese Journal of Lasers Shanghai Scientific & Technical Publishers. Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, People's Republic of China.

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Chinese Journal of Nuclear Physics Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, People's Republic of China.

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Chinese Journal of Physics Physical Society of the Republic of China, Physics Department, National Taiwan University, Taipei, Taiwan, Taiwan.

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Chinese Journal of Scientific Instruments Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, People's Republic of China.

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Chin. J. Space Sci. (China)
Chinese Journal of Space Science Subscription address: China International Book Trading Corp., Guozi Shudian, P.O.Box 2820, Beijing, People's Republic of China.
Translation of selected articles appear in Chinese Astronomy and Astrophysics

Chin. Phys. (USA)
Chinese Physics American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.
Contains selected translations from current issues of major Chinese physics and astronomy journals

Chin. Phys. Lett. (China)
Chinese Physics Letters Science Press, no. 137 Chaoyangmennei Street, Beijing, People's Republic of China.

Chip (Germany)
Chip Vogel-Verlag, Schillerstrasse 23a, D-8000 Munchen 2, Germany.

Chittagong Univ. Stud. Part II (Bangladesh)
Chittagong University Studies, Part II (Science) Chittagong, Bangladesh.

Christ. Libr. (USA)
Christian Librarian Association of Christian Librarians, St. Paul Bible College, Bible College, MN 55375, USA.

Ci News (Italy)
Ci News [Issued with: *Ceram. Int. (Italy)*]

CIE J. (France)
CIE Journal Commission Internationale de l'Eclairage, Bureau Central, 52 Boulevard Malesherbes, 75008 Paris, France.

Ciel & Espace (France)
Ciel et Espace Association Francaise d'Astronomie, Observatoire du Parc, 17 rue Emile-Deutsch-de-la-Meurthe, 75014 Paris, France.

Ciel & Terre (Belgium)
Ciel et Terre Societe Belge d'Astronomie, de Meteorologie et de Physique du Globe, Avenue Circulaire 3, 1180 Bruxelles, Belgium.

Cienc. Tec. Fis. & Mat. (Cuba)
Ciencias Tecnicas, Fisicas y Matematicas Editora de la Academia de Ciencias de Cuba, Industria No. 452, La Habana 2, Cuba.

Cienc. Tierra & Espacio (Cuba)
Ciencias de la Tierra y del Espacio Academia de Ciencias de Cuba, Industria No. 452, La Habana 2, Cuba.

Ciencia (Mexico)
Ciencia Academia de la Investigacion Cientifica AC, Apartado Postal 69-692, Mexico 21, DF, Mexico.

CIM Rev. (USA)
CIM Review Auerbach Publishers Inc., 210 South Street, Boston, MA 02111, USA.

CIM Technol. (USA)
CIM Technology Computer and Automated Systems Association of the Society of Manufacturing Engineers (CASA/SME), One SME Drive, P.O.Box 930, Dearborn, MI 48121, USA.

CIPS Rev. (Canada)
CIPS Review (Revue ACI) Canadian Information Processing Society, National Office, 243 College Street, 5th Floor, Toronto, Ontario M5T 2Y1, Canada.

Circ. Electrotech. Lab. (Japan)
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Circuits Syst. & Signal Process. (USA)
Circuits, Systems, and Signal Processing Birkhauser Boston Inc., 380 Green Street, Cambridge, MA 02139, USA.

Classical & Quantum Gravity (GB)
Classical and Quantum Gravity Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England.

Classroom Comput. Learn. (USA)
Classroom Computer Learning Peter Li Inc., 2451 East River Road, Dayton, OH 45439, USA.

Clean Air (Australia)
Clean Air Clean Air Society of Australia and New Zealand, Editorial address: 75 Downshire Road, Elsternwick, Victoria 3185, Australia.

Clim. Change (Netherlands)
Climatic Change D. Reidel Publishing Co., P.O. Box 17, 3300 AA Dordrecht, Netherlands.

Clin. Phys. & Physiol. Meas. (GB)
Clinical Physics and Physiological Measurement Institute of Physics, Techno House, Redcliffe Way, Bristol BS1 6NX, England.

CMA (Canada)
CMA [Formerly: *Cost & Manage. (Canada)*] Society of Management Accountants of Canada, MPO 176, Hamilton, Ont. L8N 3C3, Canada.

CMC News (USA)
CMC News 515 Oak Street North, Cannon Falls, MN 55009, USA.

CoED (USA)
CoED CoED National Office, Rte 301, Port Royal Square, Box 68, Port Royal, VA 22535, USA.

Cogeneration (USA)
Cogeneration Pequot Publishing. Editorial address: 214 Massachusetts Avenue, N.E., Suite 520, Washington, DC 20002, USA.
Supersedes in part: Gas Turbine World & Cogeneration

Cognitive Psychol. (USA)
Cognitive Psychology Academic Press Inc., 1 East First Street, Duluth, MN 55802, USA.

Coll. Microcomput. (USA)
Collegiate Microcomputer Rose-Hulman Institute of Technology, Terre Haute, IN 47803, USA.

Collect. Phenom. (GB)
Collective Phenomena Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Colloid J. USSR (USA)
Colloid Journal of the USSR [Translation of: *Kolloidn. Zh. (USSR)*] Consultants Burearu, 233 Spring Street, New York, NY 10013, USA.

Colloids & Surf. (Netherlands)
Colloids and Surfaces Elsevier Scientific Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Color Res. & Appl. (USA)
Color Research & Application John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10016, USA.

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Combustion, Explosion and Shock Waves [Translation of: *Fiz. Goreniya & Vzryva (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Commentat. Phys.-Math. (Finland)
Commentationes Physico-Mathematicae Societas Scientiarum Fennica, Snellmansgatan 9-11, 00170 Helsinki 17, Finland.

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Comments on Condensed Matter Physics [Formerly: *Comments Solid State Phys. (GB)*] Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9PP, England.

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Comments on Plasma Physics and Controlled Fusion Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

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Commodore User Priory Court, 30-32 Farringdon Lane, London EC1R 3AU, England.

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Communication & Broadcasting Marconi Co. Ltd., Marconi House, New Street, Chelmsford, Essex CM1 1PL, England.

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Communications News Harcourt, Brace Jovanovich Inc., 124 South First Street, Geneva, IL 60134, USA.

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Communications Systems Worldwide Morgan-Grampian (Publishers) Ltd., 30 Calderwood Street, London SE18 6QH, England.

Commun. Telecommun. User (GB)
Communicate for the Telecommunications User Communicate Publications Ltd., Link House, Dingwall Avenue, Croydon CR9 2TA, England.

Commun. Theor. Phys. (China)
Communications in Theoretical Physics Huazhong (Central China) University of Science and Technology Press, Wuhan, People's Republic of China.

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Communications International Thomson Publishing Ltd., Elm House, 10-16 Elm Street, London WC1X 0BP, England.

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Communications Cardiff Publishing Co., 6530 S. Yosemite Street, Engelwood, CO 80111, USA.

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Community & Junior College Libraries Haworth Press Inc., 28 East 22 Street, New York, NY 10010, USA.

Commutat. & Transm. (France)
Commutation & Transmission SOTELEC, 16 rue de la Baume, 75008 Paris, France.
Formed by merger of Cables et Transmission and Commutation & Transmission

COMPEL-Int. J. Comput. & Math. Electr. & Electron. Eng. (Ireland)
COMPEL-International Journal for Computation and Mathematics in Electrical and Electronic Engineering Boole Press Ltd., P.O.Box 5, 51 Sandycove Road, Dun Laoghaire, Co. Dublin, Ireland.

Compos. Struct. (GB)
Composite Structures Elsevier Applied Science Publishers Ltd., Crown House, Linton Road, Barking, Essex IG11 8JU, England.

Composites (GB)
Composites Butterworth Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

Comput. & Artif. Intell. (Czechoslovakia)
Computers and Artificial Intelligence VEDA Publishing House of the Slovak Academy of Sciences, Klemensova 19, 814 30 Bratislava, Czechoslovakia.

Comput. & Biomed. Res. (USA)
Computers and Biomedical Research Academic Press Inc., 1 East First Street, Duluth, MN 55802, USA.

Comput. & Chem. (GB)
Computers & Chemistry Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 OBW, England.

Comput. & Chem. Eng. (GB)
Computers & Chemical Engineering Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Comput. & Data Process. Technol. (USA)
Computer and Data Processor Technology Hobbs Associates Inc., P.O.Box 686, Corona del Mar, CA 92625, USA.

Comput. & Educ. (GB)
Computers & Education Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Comput. & Electr. Eng. (USA)
Computers & Electrical Engineering Pergamon Press Inc., Maxwell House, Fairview Park, Elmsford, NY 10523, USA.

Comput. & Electron. (USA)
Computers & Electronics Ziff-Davis Publishing Co., One Park Avenue, New York, NY 10016, USA.

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Computers & Fluids Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 OBW, England.

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Computers & Geosciences Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England.

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Computers & Graphics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England.

Comput. & Hum. (USA)
Computers and the Humanities Paradigm Press Inc., P.O.Box 1057, Osprey, FL 33559-1057, USA.

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Computers & Industrial Engineering Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Comput. & Math. Appl. Ser. A (GB)
Computers & Mathematics with Applications, Series A Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.
Supersedes in part: Computers & Mathematics with Applications

Comput. & Math. with Appl. (GB)
Computers & Mathematics with Applications Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England.
Journal split into two parts: Computers & Mathematics with Applications, Series A and Computers & Mathematics with Applications, Series B

Comput. & Medieval Data Process. (Canada)
Computers and Medieval Data Processing (Informatique et Etudes Medievales) Editorial address: Serge Lusignan, Institut d'Etudes Medievales, Universite de Montreal, C.P. 2168, Succ. 'A', Montreal, Que. H3C 3J7, Canada.

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Computers & Operations Research Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 OBW, England.

Comput. & Secur. (Netherlands)
Computers & Security North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Comput. & Soc. (USA)
Computers & Society Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

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Computers and the Social Sciences Paradigm Press Inc., P.O.Box 1057, Osprey, FL 33559-1057, USA.

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Comput. Age (GB)
Computing Age EMAP Business and Computer Publications Ltd., Priory Court, 30-32 Farringdon Lane, London EC1R 3AU, England.

Comput. Aided Des. (GB)
Computer Aided Design Butterworth Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

Comput.-Aided Eng. (USA)
Computer-Aided Engineering Penton Publishing, 1100 Superior Avenue, Cleveland, OH 44114, USA.

Comput.-Aided Eng. J. (GB)
Computer-Aided Engineering Journal Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, England.

Comput.-Aided Geom. Des. (Netherlands)
Computer-Aided Geometric Design Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Comput. Archit. News (USA)
Computer Architecture News Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

Comput. Asia (Hong Kong)
Computer Asia Specialist Publications Ltd., 12 Fl. Rhenish Centre, 248 Hennessy Road, Hong Kong, Hong Kong.

Comput. Biol. & Med. (GB)
Computers in Biology and Medicine Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 OBW, England.

Comput. Bull. (GB)
Computer Bulletin John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, England.

Comput. Bus. (USA)
Computing for Business [Formerly: *Interface Age/Comput. Bus. (USA)*] MWJ Publishing Group, 7330 Adams Street, Paramount, CA 90723, USA.

Comput. Bus. Eur. (GB)
Computer Business Europe CW Communications Ltd., 99 Gray's Inn Road, London WC1X 8UT, England.

Comput. Bus. News (USA)
Computer Business News 375 Conchituate Road, Box 880, Framingham, MA 01701, USA.

Comput. Commun. (GB)
Computer Communications Butterworth Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

Comput. Commun. Rev. (USA)
Computer Communication Review Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

Comput. Compacts (Netherlands)
Computer Compacts North-Holland Publishing Co., P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Comput. Data (Canada)
Computer Data Publishers Services Inc., 501 Oakdale Road, Downsview, Ont. M3N 1W7, Canada.

Comput. Decis. (USA)
Computer Decisions Hayden Publishing Co., 50 Essex Street, Rochelle Park, NJ 07662, USA.

Comput. Des. (USA)
Computer Design Advanced Technology Group, 119 Russell Street, Littleton, MA 01460, USA.

Comput. Dig. (USA)
Computer Digest [Issued with: *Radio-Electron. (USA)*]

Comput. Econ. Rep. (USA)
Computer Economics Report Computer Economics Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Comput. Educ. (GB)
Computer Education Editorial Address: National Computer Centre, Oxford Road, Manchester M1 7ED, England.

Comput. Enhanced Spectrosc. (GB)
Computer Enhanced Spectroscopy John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, England.

Comput. Environ. & Urban Syst. (GB)
Computers, Environment and Urban Systems Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Comput. Equip. Rev. (USA)
Computer Equipment Review Meckler Publishing, 520 Riverside Avenue, Westport, CT 06880, USA.

Comput. Fraud & Secur. Bull. (GB)
Computer Fraud & Security Bulletin Elsevier International Bulletins, Mayfield House, 256 Banbury Road, Oxford OX2 7DH, England.

Comput. Graphics (USA)
Computer Graphics Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA.

Comput. Graphics & Art (USA)
Computer Graphics and Art Berkeley Enterprises Inc., 815 Washington Street, Newtonville, MA 02160, USA.

Comput. Graphics Forum (Netherlands)
Computer Graphics Forum Published for the EUROGRAPHICS Association by Elsevier Science Publishers (North-Holland), P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Comput. Graphics World (USA)
Computer Graphics World Computer Graphics World Publishing Co. Inc., 1714 Stockton, San Francisco, CA 94133, USA.

Comput. Healthcare (USA)
Computers in Healthcare Cardiff Publishing Co., 6430 S. Yosemite Street, Englewood, CO 80111, USA.

Comput. Hum. Behav. (USA)
Computers in Human Behaviour Pergamon Press Inc., Fairview Park, Elmsford, NY 10523, USA.

Comput. Hum. Serv. (USA)
Computers in Human Services Haworth Press Inc., 28 East 22 Street, New York, NY 10010, USA.

Comput. Ind. (Netherlands)
Computers in Industry North-Holland Publishing Co., P.O. Box 103, 1000 AC Amsterdam, Netherlands.

Comput. J. (GB)
Computer Journal Published for the British Computer Society by Cambridge University Press, The Pitt Building, Trumpington Street, Cambridge CB2 1RP, England.

Comput. Lang. (GB)
Computer Languages Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England.

Comput. Lang. (USA)
Computer Language Computer Language Publishing Ltd., 131 Townsend Street, San Francisco, CA 94107, USA.

Comput. Law & Pract. (GB)
Computer Law & Practice Frank Cass & Co. Ltd., Gainsborough House, 11 Gainsborough Road, London E11 1RS, England.

Comput. Law & Secur. Rep. (GB)
Computer Law and Security Report Faculty of Law, The University, Southampton SO9 5NH, England.

Comput./Law J. (USA)
Computer/Law Journal Center for Computer/Law, P.O.Box 3549, manhattan Beach, CA 90266, USA.

Comput. Life Sci. Educ. (USA)
Computers in Life Science Education National Resource for Computers in Life Science Education, Mail Stop RC-70, University of Washington, Seattle, WA 98195, USA.

Comput. Linguist. (USA)
Computational Linguistics Association for Computational Linguistics. Secretary-Treasurer, D.E. Walker, Bell Communications Research, 445 South Street, Morristown, NJ 07960, USA.

Comput. Mag. (GB)
Computing, The Magazine VNU Business Publications BV, 55 Frith Street, London W1A 2HG, England.
Supersedes in part: Computing

Comput. Manage. (GB)
Computer Management ECC Publications Ltd., 30-31, Islington Green, London N1, England.

Comput. Mech. Eng. (USA)
Computers in Mechanical Engineering American Society of Mechanical Engineers, United Engineering Center, 345 East 47th Street, New York, NY 10017, USA.

Comput. Methods & Programs Biomed. (Netherlands)
Computer Methods and Programs in Biomedicine Elsevier Science Publishers B.V. (Biomedical Division), P.O.Box 1527, 1000 BM Amsterdam, Netherlands.

Comput. Methods Appl. Mech. & Eng. (Netherlands)
Computer Methods in Applied Mechanics and Engineering North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Comput. Music J. (USA)
Computer Music Journal People's Computer Co., Box E, 1263 El Camino Real, Menlo Park, CA 94025, USA.

Comput. Negotiations Rep. (USA)
Computer Negotiations Report International Computer Negotiations Inc., 238 Christopher Street, Upper Montclair, NJ 07043, USA.

Comput. Networks & ISDN Syst. (Netherlands)
Computer Networks and ISDN Systems Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Comput. News (GB)
Computer News The Publishing Co. Ltd., 99 Gray's Inn Road, London WC1X 8UT, England.

Comput. Newsl. Schools Bus. (USA)
Computing Newsletter for Schools of Business College of Business Administration, University of Colorado, Austin Bluffs Parkway, Colorado Springs, CO 80907, USA.

Comput. Newspap. (GB)
Computing, The Newspaper VNU Business Publications BV, 55 Frith Street, London W1A 2HG, England.
Supersedes in part: Computing

Comput. Peripherals Rev. (USA)
Computer Peripherals Review GML Corp., 594 Marrett Road, Lexington, MA 02173, USA.

Comput. Pers. (USA)
Computer Personnel Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

Comput. Phys. Commun. (Netherlands)
Computer Physics Communications North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Comput. Phys. Rep. (Netherlands)
Computer Physics Reports North-Holland Physics Publishing, P.O.Box 103, 1000 AC Amsterdam, Netherlands.

Comput. Prod. Index (GB)
Computing Product Index VNU Business Publications, 53-55 Frith Street, London W1A 2HG, England.

Comput. Psychiatry/Psychol. (USA)
Computers in Psychiatry/Psychology Dr. M.D. Schwartz, 26 Trumbull Street, New Haven, CT 06511, USA.

Comput. Rev. (USA)
Computer Review GML Corp., 594 Marrett Road, Lexington, MA 02173, USA.

Comput. Sch. (GB)
Computers in Schools MUSE Information Office, Five Ways School, Scotland Lane, Bartley Green, Birmingham B32 4BT, England.

Comput. Sch. (USA)
Computers in the Schools Haworth Press Inc., 28 East 22 Street, New York, NY 10010, USA.

Comput. Sci. & Inf. (India)
Computer Science and Informatics Computer Society of India, 15 Haji Ali Park, Bombay 400 034, India.

Comput. Secur. J. (USA)
Computer Security Journal Computer Security Institute, 43 Boston Post Road, Northborough, MA 01532, USA.

Comput. Seismol. (USA)
Computational Seismology [Translation of: *Vychisl. Seismol. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Comput. Stand. & Interfaces (Netherlands)
Computer Standards & Interfaces Elsevier Science Publishers B.V. (North-Holland), P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.
Formed by merger of Computers & Standards and Interfaces in Computing

Comput. Stat. & Data Anal. (Netherlands)
Computational Statistics & Data Analysis North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Comput. Stat. Q. (Germany)
Computational Statistics Quarterly Physica-Verlag, Schottengasse 7/5, A-1011 Vienna, Austria.

Comput. Surv. (GB)
Computer Survey United Trade Press, 42/43 Gerrard Street, London, W1V 7LP, England.

Comput. Surv. (USA)
Computing Surveys Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

Comput. Syst. (GB)
Computer Systems Techpress Publishing Co. Ltd., Walton House, 93 High Street, Bromley BR1 1JW, England.

Comput. Syst. Sci. & Eng. (GB)
Computer Systems Science and Engineering Butterworth Scientific Ltd., P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

Comput. Teach. (USA)
Computing Teacher International Council for Computers in Education, ICCE, University of Oregon, 1787 Agate Street, Eugene, OR 97403, USA.

Comput. Terminals Rev. (USA)
Computer Terminals Review GML. Corp., 594 Marrett Road, Lexington, MA 02173, USA.

Comput. Times with Computacards (GB)
Computer Times with Computacards Walker Ellis Ltd., 26 Lyons Drive, Worplesdon, Nr. Guildford, Surrey GU2 6BR, England.

Comput. Today (GB)
Computing Today 145 Charing Cross Road, London WC2H 0EE, England.
Incorporates Microcomputer Printout

Comput. Vision, Graphics & Image Process. (USA)
Computer Vision, Graphics, and Image Processing Academic Press Inc., 1 East First Street, Duluth, MN 55802, USA.

Comput. Week (S. Africa)
Computer Week 7th Floor, Rennie House, 19 Ameshoff Street, Braamfontein, Johannesburg, South Africa.

Comput. Wkly. (GB)
Computer Weekly IPC Business Press Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, England.

Compute (USA)
Compute National Semiconductor Corp., 2900 Semiconductor Drive, Santa Clara, CA 95051, USA.

Compute. J. Prog. Comput. (USA)
Compute. Journal for Progressive Computing Small Systems Services Inc., P.O.Box 5406, Greensboro, NC 27403, USA.

Computer (USA)
Computer Institute of Electrical and Electronic Engineers Computer Society, 5855 Naples Plaza, Suite 301, Long Beach, CA 90803, USA.

Computerworld (USA)
Computerworld CW Communications Inc., Box 880, 375 Cochituate Road, Framingham, MA 01701, USA.

Computing (Austria)
Computing Springer-Verlag, A-1011 Wien, Molkerbastei 5, Postfach 367, Austria.

Computing (Suppl.) (Austria)
Computing (Supplementum) [Issued with: *Computing (Austria)*]

COMSAT Tech. Rev. (USA)
COMSAT Technical Review Communications Satellite Corp., 950 L'Enfant Plaza, S.W., Washington, DC 20024, USA.

Comunicaciones (Cuba)
Comunicaciones Centro de Informacion de Comunicaciones, Ministerio de Comunicaciones, Habana, Cuba.

Constr. Comput. (GB)
Construction Computing Chartered Institute of Building, Englemere, Kings Ride, Ascot, Berks., SL5 8BJ, England.

Cont. Shelf Res. (GB)
Continental Shelf Research Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Contemp. Phys. (GB)
Contemporary Physics Taylor and Francis Ltd., 4 John Street, London WC1N 2ET, England.

Contrastes (France)
Contrastes Association pour le Developpement des Etudes Contrastives, 99 Boulevard Saint-Michel, 75005 Paris, France.

Contrib. Atmos. Phys. (Germany)
Contributions to Atmospheric Physics (Beitrage zur Physik der Atmosphare) Friedr. Vieweg & Sohn Verlagsgesellschaft mbH, P.O. Box 5829, D-6200 Wiesbaden, Germany.

Contrib. Geophys. Inst. Slovak Acad. Sci. (Czechoslovakia)
Contributions of the Geophysical Institute of the Slovak Academy of Sciences Dubravska 9, 842 28 Bratislava, Czechoslovakia.

Contrib. Geophys. Inst. Slovak Acad. Sci. Ser. Meteorol. (Czechoslovakia)
Contributions of the Geophysical Institute of the Slovak Academy of Sciences, Series of Meteorology Dubravska 9, 842 28 Bratislava, Czechoslovakia.

Contrib. Inst. Low Temp. Sci. Ser. A (Japan)
Contributions from the Institute of Low Temperature Sciences, Series A Hokkaido University, Sapporo, Japan.

Control & Comput. (Canada)
Control and Computers ACTA Press, P.O.Box 3243, Postal Station B, Calgary, Alta. TM2 4L8, Canada.

Control & Cybern. (Poland)
Control and Cybernetics Panstwowe Wydawnictwo Naukowe, W-WA, Miodowa 10, Warszawa, Poland.

Control & Instrum. (GB)
Control & Instrumentation Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, Calderwood Street, London, SE18 6QH, England.

Control Cibern. & Autom. (Cuba)
Control Cibernetica y Automatizacion Centro de Automatizacion Industrial (C.A.I.), Paseo No. 452 esq. a 19, Vedado, Habana 4 (Apdo. 4019), Cuba.

Control Eng. (USA)
Control Engineering Dun-Donelley Publishing Corp., 666 Fifth Avenue, New York, NY 10019, USA.

Controller (Switzerland)
The Controller International Federation of Air Traffic Controllers' Associations, P.O.Box 196, CH-1215 Geneva 15 Airport, Switzerland.

Corros. Sci. (GB)
Corrosion Science Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England.

Corrosion (USA)
Corrosion National Association of Corrosion Engineers, 1440 South Creek, Houston, TX 77084, USA.

Cosmic Res. (USA)
Cosmic Research [Translation of: *Kosm. Issled. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA.

Cost & Manage. (Canada)
Cost and Management [Title changed to: *CMA (Canada)*]

Cost Eng. (USA)
Cost Engineering American Association of Cost Engineers Inc., 308 Monongahela Building, Morgantown, WV 26505, USA.

CQ Radio Amat. J. (USA)
CQ Radio Amateur's Journal 76 North Broadway, Hicksville, NY 11801, USA.

C.R. Acad. Bulg. Sci. (Bulgaria)
Comptes Rendus de l'Academie Bulgare des Sciences Sofiya, Bulgaria.

C.R. Acad. Sci. Ser. Gen. Vie Sci. (France)
Comptes Rendus de l'Academie des Sciences, Serie Generale, la Vie des Sciences Gauthier-Villars, C.D.R., Centrale des Revues, 11 rue Gossin, 92543 Montrouge Cedex, France.

C.R. Acad. Sci. Ser. I (France)
Comptes Rendus de l'Academie des Sciences, Serie I (Mathematique) Gauthier-Villars, C.D.R., Centre des Revues, 11 rue Gossin, 92543 Montrouge Cedex, France.

C.R. Acad. Sci. Ser. II (France)
Comptes Rendus de l'Academie des Sciences, Serie II (Mecanique, Physique, Chimie, Sciences de l'Univers, Sciences de la Terre) Gauthier-Villars, C.D.R., Centrale des Revues, 11 rue Gossin, 92543 Montrouge Cedex, France.

CRC Crit. Rev. Biomed. Eng. (USA)
CRC Critical Reviews in Biomedical Engineering CRC Press Inc., 2000 Corporate Boulevard, N.W., Boca Raton, FL 33431, USA.

CRC Crit. Rev. Solid State & Mater. Sci. (USA)
CRC Critical Reviews in Solid State and Materials Sciences CRC Press Inc., 18901 Cranwood Parkway Cleveland, OH 44128, USA.

Creative Comput. (USA)
Creative Computing P.O. Box 789-M, Morristown, NJ 07960, USA.

Creativity & Innovation Network (GB)
Creativity & Innovation Network University of Manchester, Room 3.1, Manchester Business School, Booth Street West, Manchester M16 5PB, England.

Cryogenics (GB)
Cryogenics Butterworth Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

Cryst. Lattice Defects & Amorphous Mater. (GB)
Crystal Lattice Defects and Amorphous Materials Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Cryst. Prop. & Prep. (Switzerland)
Crystal Properties and Preparation [Formerly: *Mech. & Corrosion Prop. Ser. B (Switzerland)*] Trans Tech Publications, P.O.Box 10, CH-4711 Aedermannsdorf, Switzerland.

Cryst. Res. & Technol. (Germany)
Crystal Research and Technology Akademie-Verlag, DDR-1080 Berlin, Leipziger Strasse 3-4, Germany.

CSELT Tech. Rep. (Italy)
CSELT Technical Reports Centro Studi e Laboratori Telecomunicazioni, Via G. Reiss Romoli 274, Turin, Italy.

CSIO Commun. (India)
CSIO Communications Central Scientific Instruments Organisation, Sector 30, Chandigarh-160020, India.

CSIRONET News (Australia)
CSIRONET News CSIRO Division of Computing Research, P.O.Box 1800, Canberra City, ACT 2601, Australia.

C.S.N.D.T. J. (Canada)
C.S.N.D.T. Journal Canadian Society for Nondestructive Testing Inc., c/o Mohawk College of Applied Arts & Technology, 135 Fennell Avenue West, Hamilton, Ont. L8N 3T2, Canada.

Curr. Sci. (India)
Current Science Current Science Association, Raman Research Institute, Bangalore 560006, India.

Cybern. & Comput. Technol. (USA)
Cybernetics and Computing Technology [Translation of: *Kibern. & Vychisl. Tekh. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.
Each issue of the journal is concerned with a distinct topic: Discrete Control Systems, Complex Control Systems, Medical Cybernetics, Man-Machine Systems and Human Factors

Cybern. & Syst. (USA)
Cybernetics and Systems Hemisphere Publishing Corp., 1010 Vermont Avenue, N.W., Suite 612, Washington, DC 20005, USA.

Cybernetica (Belgium)
Cybernetica International Association for Cybernetics, Place Andre Rijckmans, Namur, Belgium.

Cybernetics (USA)
Cybernetics [Translation of: *Kibernetika (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Czech. Heavy Ind. (Czechoslovakia)
Czechoslovak Heavy Industry Rapid, 13 UL, 28 Rijna, 11279 Praha 1, Czechoslovakia.

Czech. J. Phys. Sect. B (Czechoslovakia)
Czechoslovak Journal of Physics, Section B Academia, Publishing House of the Czechoslovak Academy of Sciences, Vodickova 40, 112 29 Praha 1, Czechoslovakia.

Dainichi-Nippon Cables Rev. (Japan)
Dainichi-Nippon Cables Review Dainichi-Nippon Cables Ltd., Umeda Bldg., 7-3 Umdeba, Kita-ku, Osaka, Japan.

Danfoss J. (Denmark)
Danfoss Journal Danfoss Manufacturing Co., Nordborg, Denmark.

DANTEC Inf. (Denmark)
DANTEC Information DANTEC Elektronik, Medicinsk og Videnskabeligt Maleudstyr A/S, Mileparken 22, DK-2740 Skovlunde, Denmark.

Data & Knowl. Eng. (Netherlands)
Data & Knowledge Engineering Elsevier Science Publishers B.V. (North-Holland), P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Data Base (USA)
Data Base Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

Data Base Mon. (USA)
Data Base Monthly Data Base Publications Inc., 11754 Jollyville Road, Suite 104, Austin, TX 78759, USA.

Data Based Advis. (USA)
Data Based Advisor Data Based Solutions Inc., 1975 Fifth Avenue, Suite 105, San Diego, CA 92101, USA.

Data Commun. (USA)
Data Communications McGraw-Hill Publications Co., McGraw-Hill Building, 1221 Avenue of the Americas, New York, NY 10020, USA.

Data Manage. (USA)
Data Management Data Processing Management Association, 505 Busse Highway, Park Ridge, IL 60068, USA.

Data Process. Pract. (GB)
Data Processing Practitioner Institute of Data Processing Ltd., Walter House, 418-422 Strand, London WC2R 0PW, England.

Data Processing (GB)
Data Processing Butterworth Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

Data Processor (USA)
Data Processor Data Processing Division, International Business Machines Corp., 1133 Westchester Avenue, White Plains, NY 10604, USA.

Data Tid (Norway)
Data Tid Dataforlaget A.S., Sam Eydes Vei 11 A, Postboks 145, 1412 Sofiemyr, Norway.

Data Train. (USA)
Data Training Weingarten Publications Inc., 38 Chauncy Street, Boston, MA 02111, USA.

Database (USA)
Database Online Inc., 11 Tannery Lane, Weston, CT 06883, USA.

Database & Network J. (GB)
Database and Network Journal A.P. Publications Ltd., 5th Floor, 361 City Road, London EC1V 1LY, England.

Database End-User (USA)
Database End-User Meckler Publishing, 11 Ferry Lane West, Westport, CT 06880, USA.

Databus (Netherlands)
Databus Kluwer Technische Tijdschriften BV, Postbus 23, 7400 GA Deventer, Netherlands.

Datalink (GB)
Datalink 76 Dean Street, London, W1A 1BU, England.

Datamation (USA)
Datamation Technical Publishing Co., 875 Third Avenue, New York, NY 10022, USA.

Datenverarb. Recht (Germany)
Datenverarbeitung im Recht J. Schweitzer Verlag KG, Geibelstrasse 8, D-8000 Munchen 80, Germany.

DB Sound Eng. Mag. (USA)
DB, The Sound Engineering Magazine Sagamore Publishing Co., 1120 Old Country Road, Plainview, LI, NY 11803, USA.

DEC Prof. (USA)
DEC Professional Professional Press Inc., 921 Behtlehem Pike, Spring House, PA 19477-0503, USA.

DEC Today (GB)
DEC Today CW Communications Ltd., 99 Gray's Inn Road, London WC1X 8UT, England.

Dec User (GB)
Dec User EMAP Business and Computer Publications Ltd., 67 Clerkenwell Road, London EC1R 5BH, England.

Decis. Sci. (USA)
Decision Sciences American Institute for Decision Sciences, University Plaza, Atlanta, GA 30303, USA.

Decis. Support Syst. (Netherlands)
Decision Support Systems Elsevier Science Publishers B.V. (North-Holland), P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Deep-Sea Res. Part A (GB)
Deep-Sea Research, Part A (Oceanographic Research Papers) Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Def. Electron. (USA)
Defense Electronics EW Communications Inc., 1170 East Meadow Drive, Palo Alto, CA 94303, USA.

Def. Sci. J. (India)
Defence Science Journal Metcalfe House, Delhi 110054, India.

Defects Solids (Netherlands)
Defects in Solids Elsevier Science Publishers B.V. (North-Holland Physics Publishing Division), P.O.Box 103, 1000 AC Amsterdam, Netherlands.

Defektoskopiya (USSR)
Defektoskopiya [English translation in: *Sov. J. nondestr. Test. (USA)*] Academy of Sciences of the USSR, Moskva, USSR.
INSPEC coverage is from English translation

Delft Prog. Rep. (Netherlands)
Delft Progress Report Delft University Press, Mijnbouwplein 11, 2628 RT Delft, Netherlands.
Formed by merger of Delft Progress Report Series A,B,C,D,E & F

Denken Rev. (Japan)
Denken Review Central Research Institute of Electric Power Industry, Otemachi Building 7th, 1-6-1 Otemachi, Chiyoda-ku, Tokyo 100, Japan.

Denki Kagaku (Japan)
Denki Kagaku Electrochemical Society of Japan, Shin-yurakucho Building, 1-12-1 Yuraku-cho, Chiyoda-ku, Tokyo 100, Japan.

Des. Eng. (GB)
Design Engineering Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, Calderwood Street, London, SE18 6QH, England.
Incorporates Fluid Power International

Des. News (USA)
Design News Cahners Publishing Co., 270 St. Paul Street, Denver, CO 80206, USA.
Not covered between 1974 and 1984

Desalination (Netherlands)
Desalination Elsevier Scientific Publishing Co., P.O. Box 330, 1000 AH Amsterdam, Netherlands.

Diagn. Imaging Clin. Med. (Switzerland)
Diagnostic Imaging in Clinical Medicine S. Karger AG, Postfach, CH-4009 Basel, Switzerland.

Dialogoye Sist. (USSR)
Dialogoye Sistemy Izdatel'stvo 'Zinatne', Riga, USSR.

Diesel & Gas Turbine Worldwide (USA)
Diesel & Gas Turbine Worldwide Diesel & Gas Turbine Publications, 13555 Bishop's Court, Brookfield, WI 53005-0943, USA.

Diffus. & Defect Data (Switzerland)
Diffusion and Defect Data Trans Tech S.A., Trans Tech House, CH-4711 Aedermannsdorf, Switzerland.

Dig. Jpn. Ind. & Technol. (Japan)
Digest of Japanese Industry & Technology Japan Trade & Industry Publicity Inc., Toranomon Kotohira Kaikan, 2-8 Toranomon 1-chome, Minato-ku, Tokyo 105, Japan.

Digital Des. (USA)
Digital Design Morgan-Grampian Publishing Co., 1050 Commonwealth Avenue, Boston, MA 02215, USA.

Digital Processes (Switzerland)
Digital Processes Georgi Publishing Co., CH-1813 St. Saphorin, Switzerland.

Digital Syst. Ind. Autom. (USA)
Digital Systems for Industrial Automation Crane Russak & Co. Inc., 3 East 44th Street, New York, NY 10017, USA.

Dir. Mark. (USA)
Direct Marketing 224 Seventh Street, Garden City, LI, NY 11530, USA.

Direct Line (GB)
Direct Line Direct Line Magazines, Sovereign House, Brentwood, Essex CM14 4SE, England.

Discrete Appl. Math. (Netherlands)
Discrete Applied Mathematics North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Discrete Math. (Netherlands)
Discrete Mathematics North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Disp. Technol. & Appl. (GB)
Displays, Technology and Applications Butterworth Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

Distrib. Comput. (Germany)
Distributed Computing Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33, Germany.

Doc. & Bibl. (Canada)
Documentation et Bibliotheques Association Canadienne des Bibliothecaires de Langue Francaise, 360 rue Le Moyne, Montreal 125, Canada.

Doc. Ophthalmol. (Netherlands)
Documenta Ophthalmologica Dr. W. Junk Publishers, P.O.Box 163, 3300 AD Dordrecht, Netherlands.

Documentaliste (France)
Documentaliste A.D.B.S., 5 Avenue Franco-Russe, 75007 Paris, France.

Doga Bilim Dergisi Ser. A1 (Turkey)
Doga Bilim Dergisi, Seria A1 (Matematik, Fizik, Kimya, Astronomi ve Yerbilimleri) [Title changed to: *Doga Turk Fiz. Astrofiz. Dergisi (Turkey)*]

Doga Turk Fiz. Astrofiz. Dergisi (Turkey)
Doga Turk Fizik Astrofizik Dergisi (Turkish Journal of Physics Astrophysics) [Formerly: *Doga Bilim Dergisi Ser. A1 (Turkey)*] Scientific and Technical Research Council of Turkey, Ataturk Bulvari 221, Kavaklidere-Ankara, Turkey.

Doga Turk Muhendislik ve Cevre Bilimleri Derg. (Turkey)
Doga Turk Muhendislik ve Cevre Bilimleri Dergisi (Turkish Journal of Engineering and Environment Sciences) Scientific and Technical Research Council of Turkey, Ataturk Bulvari 221, Kavaklidere - Ankara, Turkey.

Dokl. Akad. Nauk SSSR
Doklady Akademii Nauk SSSR [English translation of selected articles in: *Sov. Phys.-Dokl. (USA)*] Editorial address: 117874 GSP-7 Moskva B-485, Profsoyuznaya Ul. 90 Kom. 533, USSR.

Dokl. Biophys. (USA)
Doklady Biophysics Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.
Translation of the Biophysics Section of Doklady Akademii Nauk SSSR

Dopov. Akad. Nauk UkRSR. Ser. A (USSR)
Dopovidi Akademii Nauk Ukrains'koi RSR, Seriya A (Fiziko-Tekhnichni ta Matematichni Nauki) Izdatel'stvo 'Naukova Dumka', 252601 Kiev, MSP, Repina 3, USSR.

DOPS-NYT (Denmark)
DOPS-NYT Dansk Optisk Selskab, 100 Lundtoftevej, Bldg. 307, DK-2800 Lyngby, Denmark.

Dr. Dobb's J. (USA)
Dr. Dobb's Journal People's Computer Co., Box E, 1263 El Camino Real, Menlo Park, CA 94025, USA.

Dun's Bus. Mon. (USA)
Dun's Business Month 875 Third Avenue, New York, NY 10022, USA.

Dyn. Atmos. & Oceans (Netherlands)
Dynamics of Atmospheres and Oceans Elsevier Scientific Publishing Co., P.O. Box 330, 1000 AH Amsterdam, Netherlands.

Earth & Planet. Sci. Lett. (Netherlands)
Earth and Planetary Science Letters Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Earth Moon & Planets (Netherlands)
Earth, Moon, and Planets D. Reidel Publishing Co., P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Earth-Oriented Appl. Space Technol. (GB)
Earth-Oriented Applications of Space Technology Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Earth-Sci. Rev. (Netherlands)
Earth-Science Reviews Elsevier Scientific Publishing Co., P.O.Box 330, 1000 AH Amsterdam, Netherlands.

Earth Surf. Processes & Landforms (GB)
Earth Surface Processes and Landforms John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, England.

Earthquake Eng. & Struct. Dyn. (GB)
Earthquake Engineering & Structural Dynamics John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, England.

Earthquake Not. (USA)
Earthquake Notes Eastern Section, Seismological Society of America, Printing and Photographic Center, Georgia Institute of Technology, Atlanta, GA 30332, USA.

Earthquake Predict. Res. (Netherlands)
Earthquake Prediction Research D. Reidel Publishing Co., P.O.Box 17, 3300 AA Dordrecht, Netherlands.

EBU Rev. Tech. (Belgium)
EBU Review, Technical Technical Centre of the European Broadcasting Union, Avenue Albert Lancaster 32, B-1180 Bruxelles, Belgium.

EC-Nyt (Denmark)
EC-Nyt [Issued with: *Elektronik (Denmark)*]

Echo Rech. (France)
L'Echo des Recherches Centre National d'Etudes des Telecommunications, 38 Rue du General Leclerc, 92 131 Issy-les-Moulineaux, France.

Econ. Comput. & Econ. Cybern. Stud. & Res. (Rumania)
Economic Computation and Economic Cybernetics Studies and Research Centre of Economic Computation and Economic Cybernetics, Bucuresti, Rumania.

Econ. Rev. Fed. Reserve Bank Atlanta (USA)
Economic Review Federal Reserve Bank of Atlanta Information Center, Federal Reserve Bank of Atlanta, P.O.Box 1731, Atlanta, GA 30301, USA.

EDN (USA)
EDN Cahners Publishing Co. Inc., 221 Columbus Avenue, Boston, MA 02116, USA.

EDP Anal. (USA)
EDP Analyzer Canning Publications Inc., 925 Anza Avenue, Vista, CA 92083, USA.

EDP Auditor J. (USA)
EDP Auditor Journal EDP Auditors Foundation Inc., P.O.Box 88180, Carol Stream, IL 60188-0180, USA.

EDP In-Depth Rep. (Canada)
EDP In-Depth Reports Evans Research Corp., 1 Eva Road, Suite 309, Etobicoke, Ont. M9C 4Z5, USA.

EDP Performance Rev. (USA)
EDP Performance Review Applied Computer Research, P.O.Box 9280, Phoenix, AZ 85068, USA.

EDPACS (USA)
EDPACS Automation Training Center Inc., 11250 Roger Bacon Drive, Suite 17, Reston, VA 22090, USA.

Educ. & Comput. (Netherlands)
Education & Computing Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Educ. Comput. (GB)
Educational Computing Educational Computing Ltd., 30-31 Islington Green, London, N1, England.

Educ. Technol. (USA)
Educational Technology Educational Technology Publications Inc., 140 Sylvan Avenue, Englewood Cliffs, NJ 07632, USA.

Educ. + Train. (GB)
Education + Training A.B.E. Publications, 3 Station Parade, Balham High Road, London SW12 9AZ, England.

EDUCOM Bull. (USA)
EDUCOM Bulletin Box 364, Rosedale Road, Princeton, NJ 08540, USA.

EEE (Germany)
EEE Konradin-Verlag, Robert Kohlhammer GmbH, Postfach 10 02 52, 7022 Leinfelden-Echterdingen, Germany.

Eesti NSV Tead. Akad. Fuus. Inst. Uurim. (USSR)
Eesti NSV Teaduste Akadeemia Fuusika Instituudi Uurimused Akademii Nauk ESSR, Tallin, USSR.

Egypt. Comput. J.
Egyptian Computer Journal Cairo University, Institute of Statistical Studies and Research, P.O.Box 1017, 5 Tharwat Street, Orman, Giza, Egypt.

Egypt. J. Biomed. Eng.
Egyptian Journal of Biomedical Engineering National Information and Documentation Centre, NIDOC, Dokki, Cairo, Egypt.

Egypt. J. Solids
Egyptian Journal of Solids Egyptian Society of Solid State Science and Applications, 33 Abd El-Khalek Tharwat, Cairo, Egypt.

Eisenbahningenieur (Germany)
Eisenbahningenieur Tetzlaff Verlag GmbH, Postfach 40 06, Havelstrasse 9, D-6100 Darmstadt 1, Germany.

Ekon.-Mat. Obz. (Czechoslovakia)
Ekonomicko-Matematicky Obzor Academia, Publishing House of the Czechoslovak Academy of Sciences, Vodickova 40, 112 29 Praha 1, Czechoslovakia.

El & Energi (Denmark)
El & Energi Rosenorns Alle 9, 1970 Kobenhavn V, Denmark.

Electr. Can. (Canada)
Electricity Canada Maclean Hunter Ltd., Maclean Hunter Building, 777 Bay Street, Toronto, Ont. M5W 1A7, Canada.

Electr. China (GB)
Electricity for China Times House, Throwley Way, Sutton, Surrey SM1 4AF, England.

Electr. Commun. (GB)
Electrical Communication International Telephone & Telegraph Corp., 190 Strand, London, WC2R 1DU, England.

Electr. Commun. Lab. Tech. J. (Japan)
Electrical Communication Laboratories Technical Journal Nippon Telegraph and Telephone Public Corp., 1551 Kichijoji, Musashinoshi, Tokyo, Japan.

Electr. Constr. & Maint. (USA)
Electrical Construction and Maintenance McGraw-Hill Publishing Co., 1221 Avenue of the Americas, New York, NY 10020, USA.

Electr. Contract. (GB)
Electrical Contractor Electrical Contractors' Association, ESCA House, 34 Palace Court, London W2 4HY, England.

Electr. Eng. (Australia)
Electrical Engineer Thompson Publishing (Australia) Pty. Ltd., 47 Chippen Street, Chippendale, N.S.W. 2008, Australia.

Electr. Eng. Jpn. (USA)
Electrical Engineering in Japan John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.
English translation of Transactions of the Institute of Electrical Engineers of Japan, Parts A,B and C

Electr. Eng. Rev. (Pakistan)
Electrical Engineering Review West Pakistan University of Engineering and Technology, Lahore-31, Pakistan.

Electr. Equip. (GB)
Electrical Equipment Business Publications Ltd., 109-119 Waterloo Road, London, SE1 8UL, England.

Electr. India
Electrical India Indian Electrical Manufacturer's Association, 14 Sihd Prasad, Ghatkopar-Mohul Road, Tilak Nagar, P.O. Bombay 400-089, India.

Electr. Light. & Facil. Railw. (Japan)
Electric Lighting & Facilities in Railways Tetsudo Denka Kyokai (Railway Electrification Association), c/o Kotsu Kosha Building, 6-4, 1-chome, Marunouchi, Chiyoda-ku, Tokyo 100, Japan.

Electr. Mach. & Power Syst. (USA)
Electric Machines and Power Systems Hemisphere Publishing Corp., 1010 Vermont Avenue, N.W., Suite 612, Washington, DC 20005, USA.

Electr. Power Syst. Res. (Switzerland)
Electric Power Systems Research Elsevier Sequoia S.A., P.O. Box 851, CH-1001 Lausanne 1, Switzerland.

Electr. Railw. (Japan)
Electric Railways Railway Electrification Association Inc., No.512 5th FJTB Building, 1-6-4 Marunouchi, Chiyoda-ku, Tokyo 100, Japan.

Electr. Rev. (GB)
Electrical Review IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England.

Electr. Rev. Int. (GB)
Electrical Review International Electrical-Electronic Press Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, England.

Electr. Technol. USSR (GB)
Electric Technology USSR [Translation of: *Elektrichestvo (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Electr. Times (GB)
Electrical Times Dorset House, Stamford Street, London, SE1 9LU, England.

Electr. Veh. Dev. (GB)
Electric Vehicle Developments Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, England.

Electr. World (USA)
Electrical World McGraw-Hill Publishing Co., 1221 Avenue of the Americas, New York, NY 10020, USA.

Electra (France)
Electra 112 Boulevard Hausmann, 75008 Paris, France.

Electricidade (Portugal)
Electricidade Empresa Editorial Electrotecnica Edel, Rua de Dona Estefania, 48, 3., Esq., 1000 Lisboa, Portugal.
From May 1982 to December 1985 published under the title Electricidade, Energia-Electronica

Electricite (Belgium)
Electricite Union des Exploitations Electriques en Belgique, Galerie Ravenstein 4, Bte 6, 1000 Bruxelles, Belgium.

Electri.onics (USA)
Electri.onics Lake Publishing Corp., 17730 West Peterson Road, P.O.Box 159, Libertyville, IL 60048, USA.

Electro-Rev. (Switzerland)
Electro-Revue 8027 Zurich, Splugenstrasse 6, Switzerland.

Electro-Technol. (India)
Electro-Technology Society of Electronic Engineers, Electronics & Radar Development Establishment, Bangalore 1, India.

Electroacoustique (Belgium)
Electroacoustique Universite de Liege, Laboratoire d'Electroacoustique, Liege, Belgium.

Electrochem. Ind. Process. & Biol. (GB)
Electrochemistry in Industrial Processing and Biology [Translation of: *Elektron. Obrab. Mater. (USSR)*] Scientific Information Consultants, 661 Finchley Road, London NW2 2HN, England.
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Electrocompon. Sci. & Technol. (GB)
Electrocomponent Science and Technology [Title changed to: *Act. & Passive Electron. Components (GB)*]

Electroencephalogr. & Clin. Neurophysiol. (Ireland)
Electroencephalography and Clinical Neurophysiology Elsevier Scientific Publishers Ireland Ltd., P.O.Box 85, Limerick, Ireland.

Electroencephalogr. & Clin. Neurophysiol. Evoked Potentials (Ireland)
Electroencephalography and Clinical Neurophysiology, Evoked Potentials Elsevier Scientific Publishers Ireland Ltd., P.O.Box 85, Limerick, Ireland.

Electromagnetics (USA)
Electromagnetics Hemisphere Publishing Corp., 1025 Vermont Avenue, N.W., Washington, DC 20005, USA.

Electromedica (Germany)
Electromedica Siemens Aktiengesellschaft, Medical Engineering Group, 8520 Erlangen, Henkestrasse 127, Germany.

Electromyography & Clin. Neurophysiol. (Belgium)
Electromyography and Clinical Neurophysiology Nauwelaerts Publishing House, Mechelsestraat 148, Louvain, Belgium.

Electron. & Commun. (Canada)
Electronics and Communications Maclean-Hunter Ltd., 777 Bay Street, Toronto, Ont. M5G 2C8, Canada.

Electron. & Commun. Jpn. (USA)
Electronics and Communications in Japan Scripta Publishing Corp., 1511 K Street N.W., Washington, DC 20005, USA.
English translation of selected articles from Transactions of the Institute of Electronics and Communications Engineers of Japan, Parts A,B,C and D. Journal split into two parts: Electronics and Communications in Japan, Part 1 (Communications) and Electronics and Communications in Japan, Part 2 (Electronics)

Electron. & Commun. Jpn. Part 1 (Japan)
Electronics and Communications in Japan, Part 1 (Communications) Scripta Technica Inc., 7961 Eastern Avenue, Silver Spring, MD 20910, USA.
English translation of selected articles from Transactions of the Institute of Electronics and Communications Engineers of Japan, Parts A,B,C and D. Supersedes in part: Electronics and Communications in Japan

Electron. & Music Maker (GB)
Electronics & Music Maker [Title changed to: *Music Technol. (GB)*]

Electron. & Power (GB)
Electronics and Power. Journal of the Institution of Electrical Engineers Savoy Place, London, WC2R 0BL, England.

Electron. & Wireless World (GB)
Electronics & Wireless World Business Press International Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, England.

Electron. Aust. (Australia)
Electronics Australia Editorial address: 57-59 Regent Street, Sydney 2008, Australia.

Electron. Banking & Finance (Netherlands)
Electronic Banking & Finance Elsevier International Bulletins, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Electron. Components & Appl. (Netherlands)
Electronic Components & Applications N.V. Philips' Gloeilampenfabrieken, Elcoma Marketing Communications, Eindhoven, Netherlands.
Formed by merger of Electronic Applications Bulletin and Mullard Technical Communications

Electron. Des. (USA)
Electronic Design Hayden Publishing Co. Inc., 50 Essex Street, Rochelle Park, NJ 07662, USA.

Electron. Educ. (USA)
Electronic Education Electronic Communications Inc., Suite 220, 1311 Executive Center Drive, Tallahassee, FL 32301, USA.

Electron. Eng. (GB)
Electronic Engineering Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, Calderwood Street, London, SE18 6QH, England.

Electron. Imaging (USA)
Electronic Imaging Morgan-Grampian Publishing Co., 1050 Commonwealth Avenue, Boston, MA 02215, USA.

Electron. Ind. (France)
Electronique Industrielle Societe des Editions Radio, 9 rue Jacob, 75006 Paris, France.
Formed by merger of Automatique & Informatique Industrielles and Electronique & Applications Industrielles

Electron. Ind. (GB)
Electronics Industry ES Publications Ltd., 46-50 Coombe Road, New Malden, Surrey KT3 4QH, England.

Electron. Inf. & Plann. (India)
Electronics Information and Planning Electronics Commission, E-Wing, Pushpa Bhavan, New Delhi 110 062, India.

Electron. Learn. (USA)
Electronic Learning Scholastic Inc., 730 Broadway, New York, NY 10003-9538, USA.

Electron. Lett. (GB)
Electronics Letters Institution of Electrical Engineers, Savoy Place, London, WC2R OBL, England.

Electron. Libr. (GB)
Electronic Library Learned Information Ltd., Besselsleigh Road, Abingdon, Oxford OX13 6LG, England.

Electron. Manuf. & Test (GB)
Electronics Manufacture & Test Techpress Publishing Co. Ltd., Walton House, 93 High Street, Bromley BR1 1JW, England.

Electron-Microsc. (Japan)
Electron-Microscopy Department of Anatomy, Faculty of Medicine, Kyoto University, Yoshida, Sakyo-ku, Kyoto 606, Japan.

Electron. Model. (GB)
Electronic Modeling [Translation of: *Elektron. Model. (USSR)*] Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9PP, England.
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Electron Opt. Rep. (USA)
Electron Optics Reporter Philips Electronic Instruments Inc., 85 McKee Drive, Mahwah, NJ 07430, USA.

Electron. Packag. & Prod. (USA)
Electronic Packaging and Production Cahners Publishing Co., 270 St. Paul Street, Denver, CO 80206, USA.

Electron. Prod. (GB)
Electronic Production Kiver-Patterson Publishing, 322 St. John Street, London EC1, England.

Electron. Prod. (USA)
Electronic Products Hearst Business Communications Inc./UTP Division, 645 Stewart Avenue, Garden City, NY 11530, USA.

Electron. Prod. Des. (GB)
Electronic Product Design Techpress Publishing Co. Ltd., Walton House, 93 High Street, Bromley, Kent BR1 1JW, England.

Electron. Prod. Rev. (GB)
Electronic Product Review Patey Doyle (Publishing) Ltd., Wilmington House, Church Hill, Wilmington, Dartford DA2 2EF, England.

Electron. Prog. (USA)
Electronic Progress Raytheon Co., Lexington, MA 02173, USA.

Electron. Publ. & Bookselling (USA)
Electronic Publishing and Bookselling [Title changed to: *Electron. Publ. Bus. (USA)*]

Electron. Publ. Bus. (USA)
Electronic Publishing Business [Formerly: *Electron. Publ. & Bookselling (USA)*] Electronic Publishing Ventures Inc., 160 Fifth Avenue, New York, NY 10010, USA.

Electron. Publ. Rev. (GB)
Electronic Publishing Review Learned Information (Europe) Ltd., Woodside, Hinksey Hill, Oxford OX1 5AU, England.

Electron. Puissance (France)
Electronique de Puissance 49 rue de l'Universite, 75007 Paris, France.

Electron. Rep. (Ireland)
Electronics Report Computer Publications of Ireland Ltd., 'Birchdale', Cherrywood Road, Loughlinstown, Co. Dublin, Ireland.

Electron. Syst. News (GB)
Electronic Systems News Institution of Electrical Engineers, Savoy Place, London WC2R OBL, England.

Electron. Tech. & Ind. (France)
Electronique Techniques et Industries ESI Publications, 12 rue de Seine, 75006 Paris, France.

Electron. Technol. (GB)
Electronic Technology Society of Electronic and Radio Technicians, 57-61 Newington Causeway, London SE1 6BL, England.

Electron Technol. (Poland)
Electron Technology Instytut Technologii Elektronowej, Al. Lotnikow 32/46, 02-668 Warszawa, Poland.

Electron. Test (USA)
Electronics Test Benwill Publishing Corp., 1050 Commonwealth Avenue, Boston, MA 02215, USA.

Electron. Times (GB)
Electronics Times Morgan-Grampian (Publishers) Ltd., Calderwood Street, London SE18 6QH, England.

Electron. Today (India)
Electronics Today 4-A Naaz Bldg., Lamington Road, Bombay-4, India.

Electron. Today Int. (GB)
Electronics Today International Argus Specialist Publications Ltd., No. 1 Golden Square, London W1R 3AB, England.

Electron. Wkly. (GB)
Electronics Weekly Business Press International Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, England.

Electronics (USA)
Electronics McGraw-Hill Publishing Co., 1221 Avenue of the Americas, New York, NY 10020, USA.
From July 1984 to June 1985 published under the title Electronics Week

Electrophotography (Japan)
Electrophotography Society of Electrophotography of Japan, Tokyo, Japan.

Electrotech. News (GB)
Electrotechnical News Published for the Association of Supervisory & Executive Engineers by Vaughan Publications Ltd., Vaughan Road, Harpenden, Herts. AL5 4ED, England.

Electrotechnology (GB)
Electrotechnology Institution of Electrical and Electronics Technician Engineers, 2 Savoy Hill, London, WC2R OBS, England.

Electroteh. Electron. & Autom. Autom. & Electron. (Rumania)
Electrotehnica, Electronica si Automatica. Automatica si Electronica O.I.D.-M.I.C.M.U.E., Bucuresti, Calea Victoriei nr. 133, Rumania.

Electroteh. Electron. & Autom. Electroteh. (Rumania)
Electrotehnica, Electronica si Automatica. Electrotehnica O.I.D.-M.I.C.M.U.E., Bucuresti, Calea Victoriei nr. 133, Rumania.

Elektor (GB)
Elektor [Title changed to: *Elektor Electron. (GB)*]

Elektor Electron. (GB)
Elektor Electronics [Formerly: *Elektor (GB)*] Glentop Publishers Ltd., Standfast House, Bath Place, High Street, Barnet, London EN5 1ED, England.

Elektr. & Teplovoznaya Tyaga (USSR)
Elektricheskaya i Teplovoznaya Tyaga Editorial Address: 107140 Moskva B-140, Krasnoprualnaya ul., 22/24, rep. 262-12-32, USSR.

Elektr. Bahnen (Germany)
Elektrische Bahnen R. Oldenbourg Verlag GmbH, 8 Munchen 80, Rosenheimer Strasse 145, Germany.

Elektr. Energ.-Tech. (Germany)
Elektrische Energie-Technik Dr. Alfred Huthig Verlag GmbH, Im Weiher 10, Postfach 10 28 69, 6900 Heidelberg 1, Germany.

Elektr. Masch. (Germany)
Elektrische Maschinen Huthig & Pflaum Verlag GmbH & Co., 69 Heidelberg 1, Wilckenstrasse 3-5, Germany.

Elektr. Stantsii (USSR)
Elektricheskie Stantsii [English translation in: *Sov. Power Eng. (USA)*] Editorial address: B.Cherkasskii per 2, Moskva K-12, USSR.

Elektrichestvo (USSR)
Elektrichestvo [English translation of selected articles in: *Electr. Technol. USSR (GB)*] Editorial address: B.Cherkasskii per 2, Moskva K-12, USSR.

Elektrie (Germany)
Elektrie Kammer der Technik, Fachverband Elektrotechnik Publication address: VEB Verlag Technik, Oranienburger Strasse 13-14, Berlin 102, Germany.

Elektrizitaetswirtschaft (Germany)
Elektrizitatswirtschaft VDEW, Stresemannallee 23, 6000 Frankfurt (Main) 70, Germany.

Elektro (Norway)
Elektro Ingeniorsforlaget A/S, Ingeniorenes Hus, Kronprinsensgt. 17, Boks 2476, Oslo 2, Norway.

Elektro-Anz. (Germany)
Elektro-Anzeiger W. Girardet, 43 Essen 1, Girardetstrasse 2-38, Postfach 101365, Germany.

Elektro-Jahr (Germany)
Elektro-Jahr [Issued with: *Elektrotechnik (Germany)*]

Elektro Prom.-st. & Priborostr. (Bulgaria)
Elektro Promishlenost i Priborostroene Poshcenska Kutiya 98, UL 'Ivan Vazov 16, Sofiya 1080, Bulgaria.

Elektrokhimiya (USSR)
Elektrokhimiya [English translation in: *Sov. Electrochem. (USA)*] Institut-Elektrokhimii. Akademiya Nauk SSSR, Moskva-V71, Leninskii Prospekt 31, USSR.
INSPEC coverage is from English translation

Elektromeister & Dtsch. Elektrohandwerk (Germany)
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Elektron (S. Africa)
Elektron South African Institute of Electrical Engineers, P.O.Box 61019, Mashalltown 2107, Transvaal, South Africa.

Elektron. Entwickl. (Germany)
Elektronik Entwicklung Verlag fur Technik und Wirtschaft Meynen KG, Postfach 5769, D-6200 Wiesbaden, Germany.

Elektron. Ind. (Germany)
Elektronik Industrie Elektro-Welt Verlag DR. Huthig, 6900 Heidelberg 1, Wilckensstrasse 3-5, Postfach 102869, Germany.

Elektron. Informationsverarb. Kybern. (Germany)
Elektronische Informationsverarbeitung und Kybernetik (EIK) Akademie-Verlag, DDR 108 Berlin, Leipziger Strasse 3-4, Germany.

Elektron Int. (Austria)
Das Elektron International 'Elektron'-Verlag, Postfach 156, A-4010 Linz-Donau, Austria.

Elektron. J. (Germany)
Elektronik Journal Europa-Fachpresse-Verlag GmbH, Hackenstrasse 7, D-8000 Munchen 2, P.B. 200904, Germany.

Elektron. Model. (USSR)
Elektronnoe Modelirovanie [English translation in: *Electron. Model. (GB)*] Izdatel'stvo 'Naukova Dumka', 252601 Kiev GSP, Ul. Repina 3, USSR.

Elektron. Obrab. Mater. (USSR)
Elektronnaya Obrabotka Materialov [English translation in: *Electrochem. Ind. Process. & Biol. (GB)*] Academy of Sciences of the Moldavian SSR, Agent: Mezhdunarodnaya Kniga, Moskva G 200, USSR.

Elektron. Prax. (Germany)
Elektronik Praxis Vogel-Verlag KG, Max Plank-Strasse 7/9, 8700-Wurzburg, Germany.

Elektron. Rechenanlagen (Germany)
Elektronische Rechenanlagen [Title changed to: *Informationstechnik - IT (Germany)*]

Elektron. Tekh. Ser. 12 (USSR)
Elektronnaya Tekhnika. Seriya 12 Ministerstvo Elektronnoy Promishlennosti SSSR, Institut 'Elektronika', Moskva, USSR.

Elektronica (Netherlands)
Elektronica Kluwer Technische Tijdschriften B.V., Postbus 23, 7400 GA Deventer, Netherlands.

Elektronik (Germany)
Elektronik Franzis-Verlag GmbH, 8 Munchen 37, Postfach 3701 20, Karlstrasse 37, Germany.

Elektronika (Poland)
Elektronika Editorial address: Al. Swierczewskiego, 95/99, M. 43, III p., 00-144, Warszawa, Poland.

Elektroniker (Switzerland)
Der Elektroniker Aargauer Tagblatt AG, 5001 Aarau, Switzerland.

Elektronikschau (Austria)
Elektronikschau Technisher Verlag Erb Ges. m.b.H., A-1061 Wien 6, Mariahilfer Strasse 71, Postfach 101, Austria.

Elektroprivreda (Yugoslavia)
Elektroprivreda Yugoslav Electricity Union and the Association of Yugoslav Electrical Industry. Editorial address: Balkanska 13-15, Beograd, Yugoslavia.

Elektrosvyaz (USSR)
Elektrosvyaz [English translation in: *Telecommun. & Radio Eng. Part I (USA)*] Ministerstvo svyazi SSR, USSR.
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Elektrotech. & Maschinenbau (EuM) (Austria)
Elektrotechnik und Maschinenbau Springer Verlag, 1A-1011 Wien, Molkerbastei 5, Postfach 367, Austria.

Elektrotech. Cas. (Czechoslovakia)
Elektrotechnicky Casopis 89530 Bratislava, Klemensova 19, Czechoslovakia.

Elektrotech. Obz. (Czechoslovakia)
Elektrotechnicky Obzor SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia.

Elektrotech. Z. ETZ (Germany)
Elektrotechnische Zeitschrift ETZ VDE-Verlag GmbH, Bismarkstrasse 33, D-1000 Berlin 12, Germany.
Formed by merger of Elektrotechnische Zeitschrift ETZ A and Elektrotechnische Zeitschrift ETZ B

Elektrotechniek (Netherlands)
Elektrotechniek Eendrachtstraat 2, Postbus 6, 7940 AA Meppel, Netherlands.

Elektrotechnik (Czechoslovakia)
Elektrotechnik SNTL, 111302 Praha 1, Spalena ul. 51, Czechoslovakia.

Elektrotechnik (Germany)
Elektrotechnik Vogel-Verlag KG, Max-Planck-Strasse 7-9, 8700 Wurzburg, Germany.

Elektrotechnik (Switzerland)
Elektrotechnik Verlags-Aktiengesellschaft, verlag "Elektrotechnik", Apfelhausenweg 14, Postfach 68, 5001 Aarau, Switzerland.

Elektrotechnika (Hungary)
Elektrotechnika Kultura, H-1389 Budapest, P.O. Box 149, Hungary.

Elektroteh. Vestn. (Yugoslavia)
Elektrotehniski Vestnik Editorial address: YU-61001 Ljubljana, P.O. Box 92 - II, Trzaska 25, Yugoslavia.

Elektrotehnika, Zagreb (Yugoslavia)
Elektrotehnika Elcktrotechnicko Drustvo Hrvatske, Zagreb, Bevislavicerva 6, Ikat, Soba br. 20, Yugoslavia.

Elektrotekhnika (USSR)
Elektrotekhnika [English translation in: *Sov. Electr. Eng. (USA)*] Izdatel'stvo 'Energiya', 113114 Moskva, M-114 Shlyuzovaya Nab., 10, USSR.
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Elektrowaerme Int. Ed. B (Germany)
Elektrowarme International, Edition B Vulkan-Verlag Dr. W. Classen Nachf. GmbH & Co. KG, D43 Essen, Haus der Technik, Postfach 7049, Germany.
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Elettrificazione (Italy)
Elettrificazione Editoriale Delfino, Via S. d'Orsenigo 25, 20135 Milano, Italy.

Elettron. & Telecomun. (Italy)
Elettronica e Telecomunicazioni Via Arsenale 41, 10121 Torino, Italy.

Elettron. Oggi (Italy)
Elettronica Oggi Jackson Italiana Editrice S.r.l., P. Le Massari, 22, 20125 Milano, Italy.

Elettrotecnica (Italy)
Elettrotecnica Ufficio Centrale AEI, Viale Monza 259, 20126 Milano, Italy.

Elin-Z. (Austria)
Elin-Zeitschrift Elin Union, A-1141 Wien XIV, Penzinger Strasse 76, Austria.

Eltek. Aktuell Elektron. (Sweden)
Elteknik med Aktuell Elektronik Ingenjorsforlaget AB, Box 27315, 102 54 Stockholm, Sweden.

Elteknik (Denmark)
Elteknik Teknisk Forlag A/S, Skelbaekgade 4, 1717 Kobenhavn V, Denmark.

Endeavour New Ser. (GB)
Endeavour, New Series Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England.

Energ. & Atomtech. (Hungary)
Energia es Atomtechnika Kiadja a Lapkiado Vallalat, Budapest VII, Lenin Korut 9-11, Hungary.

Energ. Elettr. (Italy)
Energia Elettrica AEI-Associazione Elettrotecnica ed Elettronica Italiana, Viale Monza 259, 20126 Milano, Italy.
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Energ. Spektrum (Germany)
Energie Spektrum [Formerly: *Energie (Germany)*] Technischer Verlag Resch KG, Postfach 1260, 8032 Grafelfing, Germany.

Energetica (Rumania)
Energetica Editorial address: Bucuresti, Bd. Energeticienilor 8 Sectorul 4, Rumania.

Energetik (USSR)
Energetik Editorial address: 109068 Moskva, Ul. Avtozavodskaya, 14/23, USSR.

Energetika (Czechoslovakia)
Energetika SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia.

Energetyka (Poland)
Energetyka Subscription Address: Wydawnictwo NOT, UL. Mazowieckiej 12, 00-048 Warszawa, Poland.

Energia Nuclear (Spain)
Energia Nuclear Junta de Energia Nuclear, Avda. Complutense 22, Ciudad Universitaria, Madrid-3, Spain.

Energie (Germany)
Energie [Title changed to: *Energ. Spektrum (Germany)*]

Energiespectrum (Netherlands)
Energiespectrum Energieonderzoek Centrum Nederland, Scheveningseweg 112, Den Haag, Netherlands.

Energietechnik (Germany)
Energietechnik VEB Deutscher Verlag fur Grundstoffindustrie, Karl-Heine-Strasse 27, 7031 Leipzig, Germany.

Energietechnik (Switzerland)
Energietechnik Industrie-Verlag AG, 4010 Basel, Postfach, Switzerland.

Energiewirtsch. Tagesfragen (Germany)
Energiewirtschaftliche Tagesfragen Energiewirtschaft und Technik Verlagsgesellschaft mbH, 8032 Grafelfing, Postfach 1229, Germany.

Energija (Yugoslavia)
Energija Zagreb, Ulica Proletenskih Brigada 37, Post pretinae 293, Yugoslavia.

Energy (GB)
Energy Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Energy & Build. (Switzerland)
Energy and Buildings Elsevier Sequoia S.A., P.O. Box 851, 1001 Lausanne 1, Switzerland.

Energy Convers. & Manage. (GB)
Energy Conversion and Management Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England.

Energy Dev. (Germany)
Energy Developments Technischer Verlag Resch KG, Postfach 1129, D-8032 Grafelfing/Munchen, Germany.

Energy Dev. Jpn. (USA)
Energy Developments in Japan Rumford Publishing Co. Inc., Box 5370, Chicago, IL 60680, USA.

Energy J. (New Zealand)
Energy Journal Technical Publications (UK) Ltd., P.O.Box 14-116, Panmure, Auckland, New Zealand.

Energy Policy (GB)
Energy Policy Butterworths Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

Energy Sources (USA)
Energy Sources Crane, Russak & Co. Inc., 3 East 44th Street, New York, NY 10017, USA.

Energy Syst. & Policy (USA)
Energy Systems and Policy Crane, Russak & Co. Inc., 3 East 44th Street, New York, NY 10017, USA.

Eng. & Technol. (Japan)
Engineering & Technology Kogakkai, Kansai University, Faculty of Engineering, Senriyama, Suita-shi, 564 Osaka, Japan.

Eng. Anal. (GB)
Engineering Analysis CML Publications, Ashurst Lodge, Ashurst, Southampton SO4 2AA, England.

Eng. Comput. (GB)
Engineering Computers Innopress Ltd., Franks Hall, Horton Kirby, Kent DA4 9LL, England.

Eng. Costs & Prod. Econ. (Netherlands)
Engineering Costs and Production Economics Elsevier Science Publishers B.V., P.O.Box 330, 1000 AH Amsterdam, Netherlands.

Eng. Cybern. (USA)
Engineering Cybernetics [Title changed to: *Sov. J. Comput. & Syst. Sci. (USA)*]

Eng. Dig. (GB)
Engineers' Digest 120 Wigmore Street, London, W1 1YZ, England.

Eng. Econ. (USA)
Engineering Economist American Society for Engineering Education, Engineering Education Division, 300 West Chestnut Street, Ephrata, PA 17522, USA.

Eng. Fract. Mech. (GB)
Engineering Fracture Mechanics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 OBW, England.

Eng. Manage. Int. (Netherlands)
Engineering Management International Elsevier Scientific Publishing Co., P.O.Box 330, 1000 AH Amsterdam, Netherlands.

Eng. Mater. & Des. (GB)
Engineering Materials & Design IPC Industrial Press Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, England.

Eng. Med. (GB)
Engineering in Medicine Institution of Mechanical Engineers, 1 Birdcage Walk, London, SW1H 9JJ, England.

Eng. Sci. Rep. Kyushu Univ. (Japan)
Engineering Sciences Reports, Kyushu University Graduate School of Engineering Sciences, Kyushu University 39, Kasuga 816, Japan.

Engineer (GB)
Engineer Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, Calderwood Street, London SE18 6QH, England.

Engineering (GB)
Engineering Design Council, 28 Haymarket, London SW1Y 4SU, England.

Entropie (France)
Entropie Editions Bartheye & Co., 54 avenue Marceau, F-75008 Paris, France.

Environ. & Exp. Bot. (GB)
Environmental and Experimental Botany Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Environ. Inf. Sci. (Japan)
Environmental Information Science Centre for Environmental Information Science, Saiwai Building 4 Goban-cho, Chiyoda-ku, Tokyo 102, Japan.

Environ. Monit. & Assess. (Netherlands)
Environmental Monitoring and Assessment D. Reidel Publishing Co., P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Environ. Pollut. Ser. B (GB)
Environmental Pollution, Series B (Chemical and Physical) Elsevier Applied Science Publishers Ltd., Crown House, Linton Road, Barking, Essex IG11 8JU, England.

Environ. Sci. & Technol. (USA)
Environmental Science and Technology American Chemical Society, 1155 16th Street, N.W., Washington, DC 20036, USA.

Environ. Software (GB)
Environmental Software Computational Mechanics Publications, Ashurst Lodge, Ashurst, Southampton SO4 2AA, England.

EOQC Qual. (Switzerland)
EOQC Quality EOQC Secretariat, c/o ATAG, Department of Information and Technical Associations , P.O. Box 2613, CH-3001 Berne, Switzerland.

EOS Trans. Am. Geophys. Union (USA)
EOS Transactions of the American Geophysical Union 2000 Florida Avenue, N.W., Washington, DC 20009, USA.
Journal not covered from 30 March 1982 - Dec. 1984

EPE (Belgium)
EPE U.R.T.B., rue des Champs Elysees 43, B-1050 Brussels, Belgium.

EPRI J. (USA)
EPRI Journal Electric Power Research Institute, P.O.Box 10412, Palo Alto, CA 94303, USA.

Epson World (USA)
Epson World Computer Communications Inc., P.O.Box 250, Camden, ME 04843, USA.

Epure (France)
Epure Electricite de France, Direction des Etudes et Recherches, 2 rue Louis Murat, 75008 Paris, France.

Equip. Ind. Achats & Entretien (France)
Equipement Industriel Achats et Entretien Les Nouvelles du Monde, 13 rue de Liege, 75009 Paris, France.

ERA (Sweden)
ERA Foreningen for Elektricitetens Rationella Anvandning. Norrtullsgatan 6, Box 6405, 113 82 Stockholm, Sweden.

Ercole Marelli (Italy)
Ercole Marelli 20121 Milano, via Borgonuovo 24, Italy.

Ericsson Rev. (Sweden)
Ericsson Review LM Ericsson, S-12625 Stockholm 32, Sweden.

ESA Bull. (France)
ESA Bulletin ESA Space Documentation Service, 8-10 rue Mario Nikis, 75738 Paris Cedex 15, France.

ESA J. (Netherlands)
ESA Journal ESA Scientific & Technical Information Branch, ESTEC, Noordwijk, Netherlands.

ESF Synchrotron Radiat. News (France)
ESF Synchrotron Radiation News [Issued with: *Nucl. Instrum. & Methods Phys. Res. (Netherlands)*]

ETA Elektrowaerme Tech. Ausbau Ed. A (Germany)
ETA Elektrowarme im Technischen Ausbau. Edition A Vulkan-Verlag Dr W. Classen Nachf. GmbH & Co. KG, D 43 Essen 1, Haus der Technik, Postfach 7049, Germany.

ETZ Arch. (Germany)
ETZ Archiv VDE-Verlag GmbH, Bismarckstrasse 33, D-1000 Berlin 12, Germany.

Eur. Appl. Res. Rep. Nucl. Sci. Technol. Sect. (USA)
European Applied Research Reports, Nuclear Science Technology Section Published for the Commission of the European Communities by Harwood Academic Publishers, P.O. Box 786, Cooper Station, New York, NY 10003, USA.

Eur. Biophys. J. (Germany)
European Biophysics Journal Springer-Verlag, Postfach 10 52 80, D-6900 Heidelberg 1, Germany.

Eur. Digital Manage. Rep. (Engl. Ed.) (Switzerland)
Europa Digital Management Report (English Edition) Digital Equipment Corporation International (Europe), 12 Avenue des Morgines, C.P. 510, 1213 Petit-Lancy 1, Geneva, Switzerland.

Eur. J. Comb. (GB)
European Journal of Combinatorics Academic Press Inc. (London) Ltd., 24-28 Oval Road, London NW1 7DX, England.

Eur. J. Eng. Educ. (Netherlands)
European Journal of Engineering Education Elsevier Scientific Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Eur. J. Nucl. Med. (Germany)
European Journal of Nuclear Medicine Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33, Germany.

Eur. J. Oper. Res. (Netherlands)
European Journal of Operational Research North-Holland Publishing Co., P.O. Box 103, 1000 AC Amsterdam, Netherlands.

Eur. J. Phys. (GB)
European Journal of Physics Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England.

Eur. J. Sci. Educ. (GB)
European Journal of Science Education Taylor & Francis Ltd., 10-14 Macklin Street, London WC2 5NF, England.

Eur. Polym. J. (GB)
European Polymer Journal Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Eur. Semicond. Des. & Prod. (GB)
European Semiconductor Design & Production KP Publishing Ltd., 322 St. John Street, London EC1, England.

Eur. Semicond. Prod. (GB)
European Semiconductor Production KP Publishing Ltd., 322 St. John Street, London EC1, England.

Eureka (GB)
Eureka Innopress Ltd., Franks Hall, Horton Kirby, Kent DA4 9LL, England.

Europhys. Lett. (Switzerland)
Europhysics Letters European Physical Society, P.O.Box 69, CH-1213 Petit Lancy 2, Switzerland.
Formed by merger of Lettere al Nuovo Cimento and Journal de Physique Lettres

Europhys. News (Switzerland)
Europhysics News European Physical Society, P.O.Box 69, CH-1213 Petit-Lancy 2, Switzerland.

Eval. Eng. (USA)
Evaluation Engineering A. Verner Nelson Associates, Nelson Building, 1282 Old Skokie Road, Highland Park, IL 60035, USA.

EX Mag. (Germany)
EX Magazine R. Stahl GmbH & Co., P.O. Box 210, Bergstrasse 2, D-7118 Kunzelsau, Germany.

Executive (Canada)
Executive Airmedia, 2973 Weston Road, P.O.Box 510, Weston, Ont. M9N 3R3, Canada.

Exp. Mech. (USA)
Experimental Mechanics Society for Experimental Stress Analysis, 14 Fairfield Drive, Brookfield Center, CT 06805, USA.

Exp. Tech. (USA)
Experimental Techniques Society for Experimental Stress Analysis, 14 Fairfield Drive, Brookfield Center, CT 06805, USA.

Exp. Tech. Phys. (Germany)
Experimentelle Technik der Physik VEB Deutscher Verlag der Wissenschaften, 108 Berlin, Johannes-Dieckmann Strasse 10, Germany.

Expert Syst. (GB)
Expert Systems Learned Information (Europe) Ltd., Woodside, Hinksey Hill, Oxford OX1 5AU, England.

Expert Syst. User (GB)
Expert Systems User Cromwell House, 20 Bride Lane, London EC4B 4AH, England.

Faraday Disc. Chem. Soc. (GB)
Faraday Discussions of the Chemical Society Faraday Division, Burlington House, London W1V 0BN, England.

Faraday Symp. Chem. Soc. (GB)
Faraday Symposia of the Chemical Society Faraday Division Burlington House, London W1V 0BN, England.

Fatigue & Fract. Eng. Mater. & Struct. (GB)
Fatigue & Fracture of Engineering Materials & Structures [Formerly: *Fatigue Eng. Mater. & Struct. (GB)*] Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Fatigue Eng. Mater. & Struct. (GB)
Fatigue of Engineering Materials and Structures [Title changed to: *Fatigue & Fract. Eng. Mater. & Struct. (GB)*]

FE: Mag. Financ. Executives (USA)
FE: The Magazine for Financial Executives Financial Executives Institute, 10 Madison Avenue, P.O.Box 1938, Morristown, NJ 07960, USA.

Feingeraetetechnik (Germany)
Feingeratetechnik VEB Verlag Technik, Oranienburger Strasse 13/14, 102 Berlin, Germany.

Feinwerktech. & Messtech. (Germany)
Feinwerktechnik & Messtechnik Carl Hanser Verlag, D-8000 Munchen 80, Kolbergerstrasse 22, Germany.
Formed by merger of Feinwerktechnik & Micronic and Messtechnik

Fernmelde-Ing. (Germany)
Fernmelde-Ingenieur Verlag fur Wissenschaft und Leben, Georg Heidecker, Kulsheimer Strasse 11, 8532 Bad Windsheim, Germany.

Fernmelde-Praxis (Germany)
Fernmelde-Praxis Fachverlag Schiele und Schon GmbH, Markgrafenstrasse 11, 1000 Berlin 61, Germany.

Fernseh- & Kino-Tech. (Germany)
Fernseh- und Kino-Technik Huthig und Pflaum Verlag, 8000 Munchen 2, Postfach 201920, Germany.

Fernwaerme Int. (Germany)
Fernwarme International 6000 Frankfurt (Main) 70, Stresemannallee 23, Germany.

Ferroelectr. Lett. Sect. (GB)
Ferroelectrics Letters Section Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Ferroelectrics (GB)
Ferroelectrics Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Fertigungstech. & Betr. (Germany)
Fertigungstechnik und Betrieb VEB Verlag Technik, Oranienburger Strasse 13/14, 102 Berlin, Germany.

Few-Body Syst. (Austria)
Few-Body Systems [Formerly: *Acta Phys. Austriaca*] Springer-Verlag, Molkerbastei 5, Postfach 367, A-1011 Wien, Austria.

Fiber & Integrated Opt. (USA)
Fiber and Integrated Optics Crane, Russak & Co. Inc., 3 East 44th Street, New York, NY 10017, USA.

Financ. Anal. J. (USA)
Financial Analysts Journal Financial Analysts Federation, 1633 Broadway, New York, NY 10019, USA.

Financ. Decis. (GB)
Financial Decisions VNU Business Publications, VNU House, 32-34 Broadwick Street, London W1A 2HG, England.

Financ. World (USA)
Financial World Financial World Partners, 1450 Broadway, New York, NY 10018, USA.

Finite Elem. News (GB)
Finite Element News Robinson and Associates, Great Bidlake Manor, Bridestowe, Okehampton, Devon EX20 4NT, England.

Finommech.-Mikrotech. (Hungary)
Finommechanika-Mikrotechnika Lapkiado Vallalat, 1073 Budapest 7, Lenin Korut 9-11, Hungary.

Fis. & Tecnol. (Italy)
Fisica e Tecnologia Societa Italiana di Fisica, Via Loderingo Degli Andalo 2, 40124 Bologna, Italy.

Fiz. & Khim. Obrab. Mater. (USSR)
Fizika i Khimiya Obrabotki Materialov [English translation in: *Phys. & Chem. Mater. Treat. (GB)*] Izdatel'stvo 'Nauka' 103717 GSP Moskva, K-62, Podsosenskii Per., 21, USSR.
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Fiz. & Khim. Stekla (USSR)
Fizika i Khimiya Stekla [English translation in: *Sov. J. Glass Phys. & Chem. (USA)*] Izdatel'stvo 'Nauka', Leningradskoe Otdelenie 199164 Leningrad, V-164, Mendeleevskaya Liniya 1, USSR.
INSPEC coverage is from English translation

Fiz. & Tekh. Poluprovodn. (USSR)
Fizika i Tekhnika Poluprovodnikov [English translation in: *Sov. Phys.-Semicond. (USA)*] Publisher: Academy of Sciences of the USSR, 'Nauka' Press, Moscow and Leningrad. Subscription address: Mezhdunarodnaya Kniga, Moskva, USSR.
INSPEC coverage is from English translation

Fiz. Elem. Chastits & At. Yadra (USSR)
Fizika Elementarnykh Chastits i Atomnogo Yadra [English translation in: *Sov. J. Part. & Nucl. (USA)*] 103031 Moskva K31, Ul. Zhlanova 5, USSR.
INSPEC coverage is from English translation

Fiz. Goreniya & Vzryva (USSR)
Fizika Goreniya i Vzryva [English translation in: *Combust. Explos. & Shock Waves (USA)*] Publication House 'Nauka', Siberian Division, Novosibirsk, USSR.
INSPEC coverage is from English translation

Fiz.-Khim. Mekh. Mater. (USSR)
Fiziko-Khimicheskaya Mekhanika Materialov [English translation in: *Sov. Mater. Sci. (USA)*] Izdatel'stvo 'Naukova Dumka', 252601 Kiev, Repina 3, USSR.
INSPEC coverage is from English translation

Fiz. Met. & Metalloved. (USSR)
Fizika Metallov i Metallovedenie [English translation in: *Phys. Met. & Metallogr. (GB)*] Izdatel'stvo Akademii Nauk SSSR, Sverdlovsk, USSR.

Fiz. Nizk. Temp. (USSR)
Fizika Nizkikh Temperatur [English translation in: *Sov. J. Low Temp. Phys. (USA)*] Izdatel'stvo "Naukova Dumka", 252601 Kiev, Repina 3, USSR.

Fiz. Plazmy (USSR)
Fizika Plazmy [English translation in: *Sov. J. Plasma Phys. (USA)*] Izdatel stvo Nauka', 103717 Moskva, K-62 Podsosenskii 21, USSR.
INSPEC coverage since vol.9, no.4 (1983) is from English translation

Fiz. Tverd. Tela (USSR)
Fizika Tverdogo Tela [English translation in: *Sov. Phys.-Solid State (USA)*] Academy of Sciences Press, Moscow and Leningrad. Subscription address: Mezhdunarodnaya Kniga, Moskva, USSR.
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Fizika (Yugoslavia)
Fizika Mladost Export-Import, 41000 Zagreb, Ilica 30, Yugoslavia.

Fluid Apparecch. Idraul. & Pneum. (Italy)
Fluid Apparecchiature Idrauliche e Pneumatiche 20154 Milano, via Mantegna 6, Italy.

Fluid Dyn. (USA)
Fluid Dynamics [Translation of: *Izv. Akad. Nauk SSSR Mekh. Zhidk. & Gaza*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Fluid Mech. - Sov. Res. (USA)
Fluid Mechanics - Soviet Research Scripta Publishing Co., 1511 K Street, N.W., Washington, DC 20005, USA.

Fluid Phase Equilibria (Netherlands)
Fluid Phase Equilibria Elsevier Scientific Publishing Co., P.O. Box 330, 1000 AH Amsterdam, Netherlands.

FMS Mag. (GB)
FMS Magazine IFS (Publications) Ltd., 35-39 High Street, Kempston, Bedford MK42 7BT, England.

Foerdermittel J. (Germany)
Fordermittel Journal Europa-Fachpresse-Verlag GmbH, Hackenstrasse 7, D-8000 Munchen 2, P.B. 200904, Germany.

Foerdern & Heben (Germany)
Fordern und Heben Krausskopf Verlag fur Wirtschaft GmbH, 6500 Mainz, Lessingstrasse 12, Postfach 2760, Germany.

Folia Fac. Sci. Nat. Univ. Purkynianae Brunensis Phys. (Czechoslovakia)
Folia Facultatis Scientiarum Naturalium Universitatis Purkynianae Brunensis, Physica University J.E. Purkyne, 61137 Brno-Kotlarska 2, Czechoslovakia.

Fonderie - Fondeur d'Ajourd'hui (France)
Fonderie - Fondeur d'Ajourd'hui Editions Techniques des Industries de la Fonderie, 12 Avenue Raphael, 75016 Paris, France.

Forschungsber. Landes Nordrhein-Westfalen (Germany)
Forschungsberichte des Landes Nordrhein-Westfalen Westdeutscher Verlag, Gustav-Stresemann-Ring 12-16, 6200 Weisbaden 1, Germany.

Forth Dimensions (USA)
Forth Dimensions Forth Interest Group, P.O.Box 1105, San Carlos, CA 94070, USA.

Fortschr. Phys. (Germany)
Fortschritte der Physik Akademie-Verlag, DDR-108 Berlin, Leipzigerstrasse 3-4, Germany.

Fortune Int. (USA)
Fortune International Time Inc., 3435 Wilshire Boulevard, Los Angeles, CA 90010, USA.

Found. Control Eng. (Poland)
Foundations of Control Engineering Institute of Control Engineering, Technical University of Poznan, 60-965 Poznan, Poland.

Found. Phys. (USA)
Foundations of Physics Plenum Publishing Co., 233 Spring Street, New York, NY 10013, USA.

Fr. Railw. Rev. (GB)
French Railway Review [Translation of: *Rev. Gen. Chemins de Fer (France)*] North Oxford Academic Publishing Co. Ltd., 242 Banbury Road, Oxford OX2 7DW, England.

Fra Fys. Verden (Norway)
Fra Fysikkens Verden Fysisk Institutt, Universitetet i Trondheim, Norges Laererhogskole, 7000 Trondheim, Norway.

Frequenz (Germany)
Frequenz Fachverlag Schiele und Schon GmbH, Markgrafenstrasse 11, 1000 Berlin 61, Germany.

Fudan J. (Nat. Sci.) (China)
Fudan Journal (Natural Science) Fudan University, Shanghai, People's Republic of China.

Fuji Electr. Rev. (Japan)
Fuji Electric Review Fuji Electric Co. Ltd., 12-1, 1-chome, Yurakucho, Chiyoda-ku, Tokyo, Japan.

Fujikura Tech. Rev. (Japan)
Fujikura Technical Review Fujikura Cable Works Ltd., 5-1, 1-chome Kiba, Koto-ku, Tokyo, Japan.

Fujitsu (Japan)
Fujitsu Fujitsu Ltd., 1015 Kamikodanaka, Nakahara-ku, Kawasaki-shi, Kanagawa 211, Japan.

Fujitsu Sci. & Tech. J. (Japan)
Fujitsu Scientific and Technical Journal Fujitsu Ltd., 1015 Kamikodanaka, Nakahara-ku, Kawasaki 211, Kanagawa, Japan.

Fukuoka Univ. Rev. Technol. Sci. (Japan)
Fukuoka University Review of Technological Sciences Central Research Institute, Fukuoka University, Nanakuma, Jonan-ku, Fukuoka 814-01, Japan.

Funct. Photogr. (USA)
Functional Photography PTN Publishing Corp., 210 Crossways Park Drive, Woodbury, NY 11797, USA.

Fundam. Cosmic Phys. (GB)
Fundamentals of Cosmic Physics Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Fundam. Inf. (Netherlands)
Fundamenta Informaticae [Formerly: *Ann. Soc. Math. Pol. Ser. IV: Fundam. Inf. (Poland)*] Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Funk-Tech. (Germany)
Funk-Technik Huthig & Pflaum Verlag, 69 Heidelberg 1, Postfach 102869, Germany.

Funkschau (Germany)
Funkschau Franzis-Verlag GmbH, 8 Munchen 2, Postfach 370120, Karlstrasse 37, Germany.

Furukawa Electr. Rev. (Japan)
Furukawa Electric Review Furukawa Electric Co., 6-1 Marunochi, 2-chome, Chiyoda-ku, Tokyo, Japan.

Furukawa Rev. (Japan)
Furukawa Review Furukawa Electric Co. Ltd., 6-1 Marunouchi 2-chome, Chiyoda-ku, Tokyo 100, Japan.

Fusion (USA)
Fusion Fusion Energy Foundation, 304 West 58th Street, Fifth Floor, New York, NY 10019, USA.

Fusion Technol. (USA)
Fusion Technology American Nuclear Society, 555 North Kensington Avenue, La Grange Park, IL 60525, USA.

Future Generation Comput. Syst. (Netherlands)
Future Generation Computer Systems Elsevier Science Publishers B.V. (North-Holland), P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Futurist (USA)
The Futurist World Future Society, 4916 St. Elmo Avenue, Bethesda, MD 20814-5089, USA.

Fuzzy Sets & Syst. (Netherlands)
Fuzzy Sets and Systems North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Fys. Tidsskr. (Denmark)
Fysisk Tidsskrift Subscription address: Jul. Gjellerups Boghandel, Solvgade 87, 1307 Kobenhavn, Denmark.

G. Fis. (Italy)
Giornale di Fisica Societa Italiana di Fisica, Presso l'Istituto di Fisica, Via P. Giuria 1, 10125 Torino, Italy.

Galvanotechnik (Germany)
Galvanotechnik Eugen G. Leuze Verlag, 7968 Saulgau (Wurtt.), Postfach 8, Germany.

Gas Turbine World (USA)
Gas Turbine World Pequot Publishing Inc., 654 Hillside Road, Fairfield, CT 06430, USA.
Supersedes in part: Gas Turbine World & Cogeneration

Gaz. Mat. (Portugal)
Gazeta de Matematica Rue Diaro de Noticias, 134-1, Lisboa, Portugal.

GEC J. Res. Incorp. Marconi Rev. (GB)
GEC Journal of Research Incorporating the Marconi Review GEC Research Laboratories, Marconi Research Centre, Great Baddow, Chelmsford, Essex CM2 8HN, England.

GEC Rev. (GB)
GEC Review General Electric. Co. p.l.c., GEC Research Laboratories, Marconi Research Centre, Gt. Baddow, Chelmsford, Essex CM2 8HN, England.

GEC Telecommun. (GB)
GEC Telecommunications GEC Telecommunications Ltd., P.O. Box 53, Coventry, CV3 1HJ, England.

Geliotekhnika (USSR)
Geliotekhnika [English translation in: *Appl. Sol. Energy (USA)*] Academy of Sciences of the Uzbek SSR, Tashkent, USSR.
INSPEC coverage is from English translation

Gen. Relativ. & Gravitation (USA)
General Relativity and Gravitation Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Geocarto Int. (Hong Kong)
Geocarto International Geocarto International Centre, G.P.O. Box 4122, Hong Kong, Hong Kong.

Geochim. & Cosmochim. Acta (GB)
Geochimica et Cosmochimica Acta Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Geoexploration (Netherlands)
Geoexploration Elsevier Scientific Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Geofiz. Appar. (USSR)
Geofizicheskaya Apparatura Izdatel'stvo 'Nedra', Leningradskoe Otdelenie, Leningrad C-171, Ul. Farforovskaya 12, USSR.

Geofiz. Zh. (USSR)
Geofizicheskii Zhurnal [English translation in: *Geophys. J. (GB)*] Izdatel'stvo 'Naukova Dumka', 252601 Kiev GSP, Repina 3, USSR.
INSPEC coverage is from English translation

GeoJournal (Netherlands)
GeoJournal D. Reidel Publishing Co., P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Geol. & Geofiz. (USSR)
Geologiya i Geofizika [English translation in: *Sov. Geol. & Geophys. (USA)*] Akadamiya Nauk SSSR, Sibirskoe Otdelenie, Prospekt Nauki 21, Novosibirsk, USSR.
INSPEC coverage is from English translation

Geol. J. (GB)
Geological Journal John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, England.

Geomagn. & Aeron. (USA)
Geomagnetism and Aeronomy [Translation of: *Geomagn. & Aeron. (USSR)*] American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Geomagn. & Aeron. (USSR)
Geomagnetizm i Aeronomiya [English translation in: *Geomagn. & Aeron. (USA)*] Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR.
INSPEC coverage is from English translation

Geomagn. Ser. Earth Phys. Branch (Canada)
Geomagnetic Series, Earth Physics Branch Energy, Mines and Resources Canada, 1 Observatory Crescent, Ottawa K1A OE4, Canada.

Geophys. & Astrophys. Fluid Dyn. (GB)
Geophysical and Astrophysical Fluid Dynamics Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Geophys. Explor. (Japan)
Geophysical Exploration (Butsuri-Tanko) Society of Exploration Geophysicists of Japan, B-102 Takanawa Sky-Hights, 4-19-11 Takanawa Minato-ku, Tokyo 108, Japan.

Geophys. J. (GB)
Geophysical Journal [Translation of: *Geofiz. Zh. (USSR)*] Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, USA.

Geophys. J. R. Astron. Soc. (GB)
Geophysical Journal of the Royal Astronomical Society Burlington House, London, W1V ONL, England.

Geophys. Mag. (Japan)
Geophysical Magazine Japan Meteorological Agency, Library Section, Ote-machi, Chiyoda-ku, Tokyo, Japan.

Geophys. Norv. (Norway)
Geophysica Norvegica Universitetsforlaget, P.O.Box 2959, Toyen, Oslo 6, Norway.

Geophys. Prospect. (Netherlands)
Geophysical Prospecting European Association of Exploration Geophysicists, P.O. Box 162, 2501 AN The Hague, Netherlands.

Geophys. Res. Lett. (USA)
Geophysical Research Letters American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Geophys. Surv. (Netherlands)
Geophysical Surveys [Title changed to: *Surv. Geophys. (Netherlands)*]

Geophys. Trans. (Hungary)
Geophysical Transactions (Geofizikai Kozlemenyek) Eotvos Lorand Geophysical Institute of Hungary, P.O.Box 35, H-1440 Budapest, Hungary.

Geophysics (USA)
Geophysics Society of Exploration Geophysicists, P.O. Box 3098, Tulsa, OK 74101, USA.

GEOS (Canada)
GEOS Department of Energy, Mines and Resources, Ottawa, Canada.

Geotechnics (Japan)
Geotechnics Geotechnical Research Office, Nippon Geophysical Prospecting Co. Ltd., 2-12, 2-chome, Nakamagome, Ohta-ku, Tokyo 143, Japan.

Geotectonics (USA)
Geotectonics [Translation of: *Geotektonika (USSR)*] American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Geotektonika (USSR)
Geotektonika [English translation in: *Geotectonics (USA)*] Izdatel'stvo 'Nauka', 103717 GSP Moskva K-62, Podsosenskii Per. 21, USSR.
INSPEC coverage is from English translation

Geothermal Energy (USA)
Geothermal Energy Geothermal World Corp., 5762 Firebird court, Mission Oaks, Camarillo, CA 93010, USA.

Geothermics (GB)
Geothermics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Gerlands Beitr. Geophys. (Germany)
Gerlands Beitrage zur Geophysik Akademische Verlags-Gesellschaft Geest und Portig KG, Sternwartenstrasse 8, DDR 701 Leipzig 1, Germany.

Gidromekhanika (USSR)
Gidromekhanika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR.

Glas. Mat. Ser. III (Yugoslavia)
Glasnik Matematicki, Serija III Editorial address: 41001 Zagreb, Marulicev trg 19, pp 187, Yugoslavia.

Glass & Ceram. (USA)
Glass and Ceramics [Translation of: *Steklo & Keram. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Glass Technol. (GB)
Glass Technology Society of Glass Technology, Thornton, Hallam Gate Road, Sheffield, S1o 5BT, England.

Global Commun. (USA)
Global Communications Cardiff Publishing Co., 3900 Wadsworth Boulevard, Denver, CO 80235, USA.

Gov. Data Syst. (USA)
Government Data Systems United Business Publications Inc., 475 Park Avenue South, New York, NY 10016, USA.

Gov. Inf. Q. (USA)
Government Information Quarterly JAI Press Inc., 36 Sherwood Place, P.O.Box 1678, Greenwich, CT 06836-1678, England.

Graphs & Comb. (Germany)
Graphs and Combinatorics Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33, Germany.

Grundig Tech. Inf. (Germany)
Grundig Technische Informationen Grundig Werke GmbH, 8510 Furth (Bayern), Kurgartenstrasse 37, Germany.

GTE Autom. Electr. World-Wide Commun. J. (USA)
GTE Automatic Electric World-Wide Communications Journal GTE Communication Systems, 2500 West Utopia Road, Phoenix, AZ 85027, USA.

Hadronic J. (USA)
Hadronic Journal Hadronic Press Inc., Nonantum, MA 02195, USA.

dronic J. Suppl. (USA)
Hadronic Journal Supplement Hadronic Press Inc., Nonantum, MA 02195, USA.

ndotai Kenkyujo Hokoku (Japan)
Handotai Kenkyujo Hokoku Semiconductor Research Foundation, Kawauchi, Sendai-shi, Miyagi 980, Japan.

nds On (USA)
Hands On Technical Education Research Center, 8 Eliot Street, Cambridge, MA 02138, USA.

rdcopy (USA)
Hardcopy Seldin Publishing Inc., 1061 So. Melrose, Suite D, Placentia, CA 92670, USA.

rvard Bus. Rev. (USA)
Harvard Business Review Subscription Service Department, P.O. Box 3000, Woburn, MA 01888, USA.

sler Rev. (Switzerland)
Hasler Review Hasler Ltd., Belpstrasse 23, 3000 Berne 14, Switzerland.

Mein Home Comput. (Germany)
HC Mein Home Computer Vogel-Verlag KG, Postfach 67 40, D-8700 Wurzburg 1, Germany.

Huaxue Yu Fangshe Huaxue (China)
He Huaxue Yu Fangshe Huaxue (Journal of Nuclear and Radiochemistry) Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, People's Republic of China.

alth & Soc. Serv. J. (GB)
Health & Social Service Journal [Title changed to: *Health Serv. J. (GB)*]

alth Phys. (GB)
Health Physics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 OBW, England.

alth Serv. J. (GB)
Health Service Journal [Formerly: *Health & Soc. Serv. J. (GB)*] Hospital and Social Service Publications Ltd., 4 Little Essex Street, London WC2R 3LF, England.

althcare Financ. Manage. (USA)
Healthcare Financial Management Healthcare Financial Management Association, 1900 Spring Road, Oak Brook, IL 60521, USA.

ar. Res. (Netherlands)
Hearing Research Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

at. & Air Cond. J. (GB)
Heating and Air Conditioning Journal Troup Publications Ltd., 30 Old Burlington Street, London, W1X 2AE, England.

at & Technol. (Italy)
Heat and Technology (Calore e Tecnologia) Pitagora Editrice, Via del Legatore 3, 40127 Bologna, Italy.

at. & Vent. Eng. (GB)
Heating and Ventilating Engineer Technitrade Journals Ltd., 886 High Road, London, N12 9SB, England.

at Transfer - Jpn. Res. (USA)
Heat Transfer - Japanese Research Scripta Publishing Co. V.H. Winston & Sons, 7961 Eastern Avenue, Silver Spring, MD 20910-4891, USA.

at Transfer - Sov. Res. (USA)
Heat Transfer - Soviet Research Scripta Technica Inc., 7961 Eastern Avenue, Silver Spring, MD 20910, USA.

at Treat. Met. (GB)
Heat Treatment of Metals Wolfson Heat Treatment Centre, University of Aston in Birmingham, Gosta Green, Birmingham B4 7ET, England.

elv. Phys. Acta (Switzerland)
Helvetica Physica Acta Schweizerische Physikalische Gesellschaft. Publisher: Birkhauser Verlag, Elisabethenstrasse 19, CH-4000 Basel 10, Switzerland.

er. Libr. Sci. (India)
Herald of Library Science C1, Banaras Hindu University, Varanasi-5, India.

ermsdorfer Tech. Mitt. (Germany)
Hermsdorfer Technische Mitteilungen Kombinat VEB Keramische Werke Hermsdorf, Hermsdorf/Thuringen, Germany.

ewlett-Packard J. (USA)
Hewlett-Packard Journal 1501 Page Mill Road, Palo Alto, CA 94304, USA.

igh Technol. (USA)
High Technology High Technology Publishing Corp., 38 Commercial Wharf, Boston, MA 02110, USA.

igh Temp. (USA)
High Temperature [Translation of: *Teplofiz. Vys. Temp. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA.

High Temp.-High Pressures (GB)
High Temperatures - High Pressures Pion Ltd., 207 Brondesbury Park, London, NW2 5JN, England.

High Temp. Sci. (USA)
High Temperature Science Humana Press Inc., P.O. Box 2148, Clifton, NJ 07015, USA.

High Temp. Technol. (GB)
High Temperature Technology Butterworth Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

High Vol. Print. (USA)
High Volume Printing Innes Publishing Co., P.O.Box 368, Northbrook, IL 60062, USA.

Hiradastechnika (Hungary)
Hiradastechnika Lapkaido Vallalat, 1073 Budapest, Lenin Krt 9-11, Hungary.

Hitachi Rev. (Japan)
Hitachi Review Ohm-sha Co. Ltd., 1,3-chome, Kanda, Nishiki-cho, Chiyoda-ku, Tokyo 101, Japan.

Hitachi Zosen Tech. Rev. (Japan)
Hitachi Zosen Technical Review Hitachi Zosen Technical Research Institute, 1-3-22 Sakurajima, Konohana-ku, Osaka 544, Japan.

HLH (Heiz. Luftung Klimatech. Haustech.) (Germany)
HLH (Heizung Luftung Klimatechnik Haustechnik) VDI Verlag GmbH, 4 Dusseldorf 1, Graf-Recke-Strasse 84, Postfach 1139, Germany.

Hobby Electron. (GB)
Hobby Electronics Argus Specialist Publications Ltd., No. 1 Golden Square, London W1R 3AB, England.

Holecpost (Netherlands)
Holecpost Holec NV, Postbus 23, 7550 AA Hengelo, Netherlands. Not covered during the period Sept. 1979 to 1984

Home Comput. Adv. Course (GB)
Home Computer Advanced Course Orbis Publishing Ltd., 20-22 Bedfordbury, London WC2N 4BT, England.

Hong Kong Eng.
Hong Kong Engineer Asia Trade Journals Ltd., 7th Floor, Sincere Insurance Building, 4-6 Henessy Road, Hong Kong, Hong Kong.

Houille Blanche (France)
La Houille Blanche 48 rue de la Procession, 75724 Paris Cedex 15, France.

Houston J. Math. (USA)
Houston Journal of Mathematics University of Houston, Department of Mathematics, Houston, TX 77004, USA.

Hum. Factors (USA)
Human Factors Human Factors Society Inc., P.O. Box 1369, Santa Monica, CA 90406, USA.

Hum. Syst. Manage. (Netherlands)
Human Systems Management North-Holland Publishing Co., P.O. Box 103, 1000 AC Amsterdam, Netherlands.

Hybrid Circuits (GB)
Hybrid Circuits Wela Publications Ltd., 8 Barns Street, Ayr KA7 1XB, Scotland.

Hydraul. & Pneum. (USA)
Hydraulics and Pneumatics Penton/IPC Inc., 1111 Chester Avenue, Cleveland, OH 44114, USA.

Hydraul. Pneum. Mech. Power (GB)
Hydraulic Pneumatic Mechanical Power [Title changed to: *Power Int. (GB)*]

Hydrotech. Constr. (USA)
Hydrotechnical Construction [Translation of: *Gidrotekh. Stroit. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Hyperfine Interactions (Switzerland)
Hyperfine Interactions J.C. Baltzer AG, Scientific Publishing Co., Wettsteinplatz 10, CH-4058 Basel, Switzerland.

I&CS-Ind. & Process Control Mag. (USA)
I&CS-The Industrial and Process Control Magazine Chilton Co., Chilton Way, Radnor, PA 19089, USA.

IATUL Proc. (Sweden)
IATUL Proceedings Chalmers University of Technology Library, Goteborg, Sweden.

I.A.U. Circ. (USA)
International Astronomical Union Circular IAU Central Telegram Bureau, Smithsonian Observatory, Cambridge, MA 02138, USA.

IBA Tech. Rev. (GB)
IBA Technical Review Independent Broadcasting Authority, 70 Brompton Road, London, SW3 IEY, England.

IBM J. Res. & Dev. (USA)
IBM Journal of Research and Development International Business Machines Corporation, Corporate Technical Publications, Armonk, New York, NY 10504, USA.

IBM Nachr. (Germany)
IBM Nachrichten IBM Deutschland GmbH, 7000 Stuttgart 80, Postfach 800880, Germany.

IBM Syst. J. (USA)
IBM Systems Journal International Business Machines Corporation, Armonk, New York, NY 10504, USA.

IBM Tech. Disclosure Bull. (USA)
IBM Technical Disclosure Bulletin International Business Machines Co., Armonk, New York, NY 10504, USA.

IBS Asian Electron. News (Taiwan)
IBS Asian Electronics News IBS Publications Ltd., Computer Service Department, P.O.Box 55-879, Taipei, Taiwan.

ICA Inf. (Spain)
ICA Information International Council for Automatic Data Processing in Government Administration, c/o Servicio Central de Informatica, Pº de Recoletos 16, 5º, Madrid 1, Spain.

Icarus (USA)
Icarus Academic Press Inc., 1 East First Street, Duluth, MN 55802, USA.

ICL Tech. J. (GB)
ICL Technical Journal Published for International Computers Ltd. by Peter Peregrinus Ltd., P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England.

ICP Adm. & Account. Software (USA)
ICP Administrative & Accounting Software International Computer Programs Inc., 9000 Keystone Crossing, P.O.Box 40946, Indianapolis, IN 46240, USA.
Merged into Business Software Review

ICP Banking Software (USA)
ICP Banking Software International Computer Programs Inc., 9000 Keystone Crossing, P.O.Box 40946, Indianapolis, IN 46240, USA.

ICP Bus. Software Rev. (Eur. Ed.) (GB)
ICP Business Software Review (European Edition) [Title changed to: *Bus. Software Rev. (UK Ed.) (GB)*]

ICP Bus. Software Rev. (USA)
ICP Business Software Review [Title changed to: *Bus. Software Rev. (USA)*]

ICP Data Process. Manage. (USA)
ICP Data Processing Management International Computer Programs Inc., 9000 Keystone Crossing, P.O.Box 40946, Indianapolis, IN 46240, USA.
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ICP Insurance Software International Computer Programs Inc., 9000 Keystone Crossing, P.O.Box 40946, Indianapolis, IN 46240, USA.

ICP Manuf. Software (USA)
ICP Manufacturing Software International Computer Programs Inc., 9000 Keystone Crossing, P.O.Box 40946, Indianapolis, IN 46240, USA.
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IEC Bull. (Switzerland)
IEC Bulletin International Electrotechnical Commission, 1 rue de Varembe, 1211 Geneva 20, Switzerland.

IEE Proc. A (GB)
IEE Proceedings A (Physical Science, Measurement and Instrumentation, Management and Education, Reviews) Institution of Electrical Engineers, P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England.
Supersedes in part: Proceedings of the Institution of Electrical Engineers

IEE Proc. B (GB)
IEE Proceedings B (Electric Power Applications) Institution of Electrical Engineers, P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England.
Supersedes in part: Proceedings of the Institution of Electrical Engineers

IEE Proc. C (GB)
IEE Proceedings C (Generation, Transmission and Distribution) Institution of Electrical Engineers, P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England.
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IEE Proc. D (GB)
IEE Proceedings D (Control Theory and Applications) Institution of Electrical Engineers, P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England.
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IEE Proc. E (GB)
IEE Proceedings E (Computers and Digital Techniques) Institutio
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Herts. SG1 1HQ, England.
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IEE Proceedings F (Communications, Radar and Signal Proces
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House, Stevenage, Herts. SG1 1HQ, England.
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IEE Proc. G (GB)
IEE Proceedings G (Electronic Circuits and Systems) Institution
Electrical Engineers, P.O. Box 8, Southgate House, Stevenag
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Engineers

IEE Proc. H (GB)
IEE Proceedings H (Microwaves, Optics and Antennas) [Tit
changed to: *IEE Proc. H (GB)*]

IEE Proc. H (GB)
IEE Proceedings H (Microwaves, Antennas and Propagation) [Fo
merly: *IEE Proc. H (GB)*] Institution of Electrical Engineer
P.O.Box 8, Southgate House, Stevenage, Herts. SG1 1H
England.

IEE Proc. I (GB)
IEE Proceedings I (Solid-State and Electron Devices) Institution
Electrical Engineers, P.O. Box 8, Southgate House, Stevenag
Herts. SG1 1HQ, England.
Supersedes in part: Proceedings of the Institution of Electric
Engineers

IEE Proc. J (GB)
IEE Proceedings J (Optoelectronics) Institution of Electrical Eng
neers, P.O.Box 8, Southgate House, Stevenage, Herts. SG1 1H
England.

IEEE Aerosp. & Electron. Syst. Mag. (USA)
IEEE Aerospace and Electronics Systems Magazine Institute
Electrical and Electronics Engineers, 345 East 47th Street, Ne
York, NY 10017, USA.

IEEE ASSP Mag. (USA)
IEEE ASSP Magazine Institute of Electrical and Electronics Eng
neers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Circuits & Devices Mag. (USA)
IEEE Circuits and Devices Magazine Institute of Electrical a
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USA.
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USA.
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IEEE Communications Magazine Institute of Electrical and Ele
tronics Engineers, 345 East 47th Street, New York, NY 1001
USA.

IEEE Comput. Graphics & Appl. (USA)
IEEE Computer Graphics and Applications Institute of Electric
and Electronics Engineers, 345 East 47th Street, New York, N
10017, USA.

IEEE Control Syst. Mag. (USA)
IEEE Control Systems Magazine Institute of Electrical and Ele
tronics Engineers, 345 East 47th Street, New York, NY 1001
USA.

IEEE Des. & Test. Comput. (USA)
IEEE Design & Test of Computers IEEE Computer Society, 106
Los Vaqueros Circle, Los Alamitos, CA 90720, USA.

IEEE Electr. Insul. Mag. (USA)
IEEE Electrical Insulation Magazine Institute of Electrical a
Electronics Engineers, 345 East 47th Street, New York, NY 1001
USA.

IEEE Electron Device Lett. (USA)
IEEE Electron Device Letters Institute of Electrical and Electro
ics Engineers, 345 East 47th Street, New York, NY 10017, US

IEEE Eng. Med. & Biol. Mag. (USA)
IEEE Engineering in Medicine and Biology Magazine Institute
Electrical and Electronics Engineers, 345 East 47th Street, Ne
York, NY 10017, USA.

IEEE Expert (USA)
IEEE Expert Institute of Electrical and Electronics Engineers, 3
East 47th Street, New York, NY 10017, USA.

IEEE J. Oceanic Eng. (USA)
IEEE Journal of Oceanic Engineering Institute of Electrical a
Electronics Engineers, 345 East 47th Street, New York, NY 1001
USA.

EEE J. Quantum Electron. (USA)
IEEE Journal of Quantum Electronics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

EEE J. Robotics & Autom. (USA)
IEEE Journal of Robotics and Automation Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

EEE J. Sel. Areas Commun. (USA)
IEEE Journal on Selected Areas in Communications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

EEE J. Solid-State Circuits (USA)
IEEE Journal of Solid-State Circuits Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

EEE Micro (USA)
IEEE Micro Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

EEE Potentials (USA)
IEEE Potentials Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

EEE Power Eng. Rev. (USA)
IEEE Power Engineering Review Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

EEE Software (USA)
IEEE Software Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

EEE Spectrum (USA)
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EEE Technol. & Soc. Mag. (USA)
IEEE Technology and Society Magazine Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

EE Trans. Acoust., Speech & Signal Process. (USA)
IEEE Transactions on Acoustics, Speech and Signal Processing Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

EEE Trans. Aerosp. & Electron. Syst. (USA)
IEEE Transactions on Aerospace and Electronic Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

EE Trans. Antennas & Propag. (USA)
IEEE Transactions on Antennas and Propagation Institute of Electrical and Electronics Engineers 345 East 47th Street, New York, NY 10017, USA.

EE Trans. Autom. Control (USA)
IEEE Transactions on Automatic Control Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

EE Trans. Biomed. Eng. (USA)
IEEE Transactions on Biomedical Engineering Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

EE Trans. Broadcast. (USA)
IEEE Transactions on Broadcasting Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

EE Trans. Circuits & Syst. (USA)
IEEE Transactions on Circuits and Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

EE Trans. Commun. (USA)
IEEE Transactions on Communications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

EE Trans. Components, Hybrids & Manuf. Technol. (USA)
IEEE Transactions on Components, Hybrids, and Manufacturing Technology Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
Formed by merger of IEEE Transactions on Parts, Hybrids and Packaging and IEEE Transactions on Manufacturing Technology

EE Trans. Comput. (USA)
IEEE Transactions on Computers Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

EE Trans. Comput.-Aided Des. Integrated Circuits & Syst. (USA)
IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Consum. Electron. (USA)
IEEE Transactions on Consumer Electronics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Educ. (USA)
IEEE Transactions on Education Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Electr. Insul. (USA)
IEEE Transactions on Electrical Insulation Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Electromagn. Compat. (USA)
IEEE Transactions on Electromagnetic Compatibility Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Electron Devices (USA)
IEEE Transactions on Electron Devices Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Energy Convers. (USA)
IEEE Transactions on Energy Conversion Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
Supersedes in part IEEE Transactions on Power Apparatus and Systems

IEEE Trans. Eng. Manage. (USA)
IEEE Transactions on Engineering Management Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Geosci. & Remote Sensing (USA)
IEEE Transactions on Geoscience and Remote Sensing Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Ind. Appl. (USA)
IEEE Transactions on Industry Applications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Ind. Electron. (USA)
IEEE Transactions on Industrial Electronics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Inf. Theory (USA)
IEEE Transactions on Information Theory Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Instrum. & Meas. (USA)
IEEE Transactions on Instrumentation and Measurement Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Magn. (USA)
IEEE Transactions on Magnetics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Med. Imaging (USA)
IEEE Transactions on Medical Imaging Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Microwave Theory & Tech. (USA)
IEEE Transactions on Microwave Theory and Techniques Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Nucl. Sci. (USA)
IEEE Transactions on Nuclear Science Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Pattern Anal. & Mach. Intell. (USA)
IEEE Transactions on Pattern Analysis and Machine Intelligence Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Plasma Sci. (USA)
IEEE Transactions on Plasma Science Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Power Appar. & Syst. (USA)
IEEE Transactions on Power Apparatus and Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
Journal split into three parts: IEEE Transactions on Energy Conversion, IEEE Transactions on Power Delivery and IEEE Transactions on Power Systems

IEEE Trans. Power Delivery (USA)
IEEE Transactions on Power Delivery Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
Supersedes in part IEEE Transactions on Power Apparatus and Systems

IEEE Trans. Power Electron. (USA)
IEEE Transactions on Power Electronics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Power Syst. (USA)
IEEE Transactions on Power Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
Supersedes in part IEEE Transactions on Power Apparatus and Systems

IEEE Trans. Prof. Commun. (USA)
IEEE Transactions on Professional Communications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Reliab. (USA)
IEEE Transactions on Reliability Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Software Eng. (USA)
IEEE Transactions on Software Engineering Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Sonics & Ultrason. (USA)
IEEE Transactions on Sonics and Ultrasonics [Title changed to: *IEEE Trans. Ultrason., Ferroelectr. & Freq. Control (USA)*]

IEEE Trans. Syst., Man & Cybern. (USA)
IEEE Transactions on Systems, Man and Cybernetics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
Formed by merger of IEEE Transactions on Man-Machine Systems and IEEE Transactions on Systems Science and Cybernetics

IEEE Trans. Ultrason., Ferroelectr. & Freq. Control (USA)
IEEE Transactions on Ultrasonics, Ferroelectrics and Frequency Control [Formerly: *IEEE Trans. Sonics & Ultrason. (USA)*] Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

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IEEE Transactions on Vehicular Technology Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Transl. J. Magn. Jpn. (USA)
IEEE Translation Journal on Magnetics in Japan Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IES J. (Singapore)
IES Journal Institution of Engineers, Singapore, 1306 International Plaza, Anson Road, Singapore 2, Singapore.

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IETE Technical Review Institution of Electronics and Telecommunication Engineers, 2 Institutional Area, Lodi Road, New Delhi 110 003, India.

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IIE Transactions Institute of Industrial Engineers Inc., 25 Technology Park/Atlanta, Norcross, GA 30092, USA.

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IMA Journal of Applied Mathematics Academic Press Inc. (London) Ltd., 24-28 Oval Road, London NW1 7DX, England.

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IMA Journal of Mathematical Control and Information Oxford University Press, Walton Street, Oxford, OX2 6DP, England.

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IMC J. (USA)
IMC Journal International Information Management Congress, P.O.Box 34404, Bethesda, MD 20817-0404, USA.

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Impact: Office Automation Administrative Management Society, Maryland Road, Villow Grove, PA 19090, USA.

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In Business JG Press Inc., Box 323, 18 South Seventh Street Emmaus, PA 18049, USA.

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In Cider CW Communications/Peterborough Inc., 80 Pine Street Peterborough, NH 03458, USA.

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Inc Inc. Publishing Co., 38 Commercial Warf, Boston, MA 02110 USA.

Incremental Motion Control Syst. Devices Newsl. (USA)
Incremental Motion Control Systems and Devices Newsletter University of Illinois, Urbana, IL 61801, USA.

Ind. & Eng. Chem., Fundam. (USA)
Industrial and Engineering Chemistry, Fundamentals America Chemical Society, 1155 Sixteenth Street N.W., Washington, DC 20036, USA.

Ind. & Eng. Chem., Process Des. & Dev. (USA)
Industrial and Engineering Chemistry, Process Design and Development American Chemical Society, 1155 Sixteenth Street N.W. Washington, DC 20036, USA.

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Ind.-Anz. (Germany)
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Industriell Datateknik Ingenjorsforlaget AB, Box 27315, 102 5 Stockholm, Sweden.

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Industrial Engineering American Institute of Industrial Engineers 25 Technology Park/Atlanta, Norcross, GA 30092, USA.

Ind. Lab. (USA)
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Industrial Mathematics Industrial Mathematics Society, P.O. Bo 159, Roseville, MI 48066, USA.

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Industrial Robot IFS (Publications) Ltd., 35-39 High Street Kempston, Bedford MK42 7BT, England.

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Industrial Society Industrial Society, 3 Carlton House Terrace London SW1Y 5DG, England.

Indexer (GB)
Indexer Society of Indexers and American Society of Indexers, c/ Barclays Bank Ltd., 1 Pall Mall East, London, SW1Y 5AX England.

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Indian and Eastern Engineer 'Piramal Mansion', 235 Dr. D Naoroji Road, Bombay 400001, India.

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Indian Journal of Cryogenics Indian Cryogenics Council, Jadavpu University, Calcutta 700 032, India.

Indian J. Mar. Sci.
Indian Journal of Marine Sciences Council of Scientific & Industrial Research. Editorial address: Publications & Information Directorate, Hillside Road, New Delhi-12, India.

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Indian Journal of Physics, Part A Indian Association for the Cultivation of Science, 2 & 3 Raja Subodh Chandra Mallik Road, Calcutta 700 032, India.
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Indian J. Phys. Part B
Indian Journal of Physics, Part B Indian Association for the Cultivation of Science, 2 & 3 Raja Subodh Chandra Mallik Road, Calcutta 700032, India.
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Indian Journal of Power and River Valley Development 6-2 Mada Street, Calcutta 700072, India.

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Indian Journal of Pure and Applied Mathematics Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi 110002, India.

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Indian Journal of Technology Sales & Distribution Officer, Publications & Information Directorate, Hillside Road, New Delhi 110012, India.

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Indian Journal of Theoretical Physics Institute of Theoretical Physics, Bognan Kutir, 4-1 Mohan Bagan Lane, Calcutta 700004, India.

. & Control (USA)
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. & Referral: J. Alliance Inf. Referral Syst. (USA)
Information and Referral: Journal of the Alliance of Information Referral Systems AIRS National Office, 1100 West 42nd Street, Suite 310, Indianapolis, IN 46208, USA.

. Age (GB)
Information Age Butterworth Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

. Bull. Variable Stars (Hungary)
Information Bulletin on Variable Stars Commission 27 of the I.A.U., Konkoly Observatory, Budapest, Hungary.

. Cient. & Tecnol. (Mexico)
Informacion Cientifica y Tecnologica Direccion de Divulgacion Tecnologica y Cientifica del CONACYT, Circuito Cultural Universitario, Ciudad Universitaria, 04515 Mexico D.F, Mexico.

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Information Display MetaData Inc., 310 East 44 Street, New York, NY 10017, USA.

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nformation Economics and Policy Elsevier Science Publishers B.V. (North-Holland), P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

. Elektron. (Hungary)
nformacio Elektronika Statistikai Kiado Vallalat, Budapest III, Kaszas u. 10-12, Hungary.

. Elettron. (Italy)
nformazione Elettronica Editrice Il Rostro s.a.s., Via Monte Generoso 6/A, 20155 Milano, Italy.

. Forsch. & Entwickl. (Germany)
nformatik Forschung und Entwicklung Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33, Germany.

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nformation Intelligence Online Newsletter Information Intelligence Inc., P.O.Box 31098, Phoenix, AZ 85046, USA.

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nformation Processing Letters North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

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Information Retrieval & Library Automation Lomond Publications Inc., P.O.Box 88, Mt. Airy, MD 21771, USA.

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Informatik Spektrum Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33, Germany.

Inf. Strategy Executive's J. (USA)
Information Strategy: The Executive's Journal Auerbach Publishers, 6560 North Park Drive, Pennsauken, NJ 08109, USA.

Inf. Syst. (Czechoslovakia)
Informacne Systemy Editorial address: Vyskumny Ustav Socialno-Ekonomickych Informacii a Automatizacie v Riadeni, 842 21 Bratislava, Dubravska Ulica 3, Czechoslovakia.

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Information Systems Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

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Information Systems BIS Applied Systems, 20 Upper Ground, London SE1 9NP, England.

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Informatique Theorique et Applications (Theoretical Informatics and Applications) [Formerly: *RAIRO Inf. Theor./Theor. Inf. (France)*] C.D.R./Centrale des Revues, 11 rue Gossin, 92543 Montrouge Cedex, France.

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Information Today Learned Information Inc., 143 Old Marlton Pike, Medford, NJ 08055, USA.

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Infomatics VNU Business Publications B V, 53-55 Frith Street, London W1A 2HG, England.

INFOR (Canada)
INFOR. Canadian Journal of Operational Research and Information Processing University of Toronto Press, 5201 Dufferin Street, Downsview, Ontario M3H 5T8, Canada.

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Informatie Overboslaan 49, 3722 BK Bilthoven, Netherlands.

Informatik (Germany)
Informatik Interwerbung, Gesellschaft fur Werbung und Auslandmessen, DDR 104 Berlin, Tucholskystrasse 40, Germany.

Informationstechnik - IT (Germany)
Informationstechnik - IT [Formerly: *Elektron. Rechenanlagen (Germany)*] R. Oldenbourg Verlag GmbH, Rosenheimer Strasse 145, 8000 Munchen 80, Germany.

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Ingenieur-Archiv Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany.

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Ingenieria Mecanica y Electrica Asociacion Mexicana de Ingenieros Mecanicos y Electricistas, Culiacan 115, Mexico 11, D.F, Mexico.

Ingenieur (Netherlands)
De Ingenieur Koninklijk Institut van Ingenieurs. Editorial address: 23 Prinsessegracht, Den Haag, Netherlands.

Innovation & Manage. (GB)
Innovation and Management Institute of Management Consultants, 23-24 Cromwell Place, London SW7 2LG, England.

Inorg. Mater. (USA)
Inorganic Materials [Translation of: *Izv. Akad. Nauk SSSR Neorg. Mater.*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

INSPEL (Germany)
INSPEL. International Journal of Special Libraries Technische Universitat Berlin, Universitatsbibliothek, Abt. Publikationen, Budapest Strasse 40, D-1000 Berlin 30, Germany.

Inst. Forum (GB)
Institute Forum Chameleon Press Ltd., 5-25 Burr Road, London SW18 4SG, England.

Inst. R. Meteorol. Belg. Bull. Trimest. Obs. Ozone (Belgium)
Institut Royal Meteorologique de Belgique Bulletin Trimestriel Observations d'Ozone Avenue Circulaire 3, 1180 Bruxelles, Belgium.

Instr. Innovator (USA)
Instructional Innovator [Title changed to: *Tech Trends (USA)*]

Instrum. & Comput. (USA)
Instruments & Computers Huethig Publishing Ltd., c/o Lawler Communications, 212 North Barry Avenue, Mamaroneck, NY 10543-9975, USA.

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Instruments and Experimental Techniques [Translation of: *Prib. & Tekh. Eksp. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

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Instrumentation Honeywell Inc., Fort Washington, Philadelphia, PA 19034, USA.

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Insurance Mathematics & Economics Elsevier Science Publishers B.V. (North-Holland), P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Int. At. Energy Agency Bull. (Austria)
International Atomic Energy Agency Bulletin Karntnerring 11, P.O. Box 590, A-1011 Wien, Austria.

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International Broadcast Engineer Whitton Press Ltd., 50 High Street, Eton, Berks, England.

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International Broadcasting Systems & Operation BSO Publications Ltd., 13 Great James Street, London WC1N 3DP, England.

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International Communications in Heat and Mass Transfer Pe gamon Press Ltd., Headington Hill Hall, Oxford OX3 0B England.

Int. Forum Inf. & Doc. (USSR)
International Forum on Information and Documentation A Union Institute of Scientific and Technical Information (VINIT 125219 Moscow, Baltijskaya ul. 14, USSR.

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International Journal of Applied Radiation and Isotopes [Ti changed to: *Appl. Radiat. & Isot. (GB)*]

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International Journal for Artificial Intelligence in Engineer Computational Mechanics Publications, Ashurst Lodge, Ashu Hants. SO4 2AA, England.

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International Journal of Hyperthermia Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, England.

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International Journal of Information Management [Formerly: *Soc. Sci. Inf. Stud. (GB)*] Butterworth Scientific Ltd., Westbury House, Bury Street, P.O. Box 63, Guildford, Surrey GU2 5BH, England.

. J. Infrared & Millim. Waves (USA)
International Journal of Infrared and Millimeter Waves Plenum Publishing Co., 233 Spring Street, New York, NY 10013, USA.

. J. Man-Mach. Stud. (GB)
International Journal of Man-Machine Studies Academic Press Inc. (London) Ltd., 24-28 Oval Road, London, NW1 7DX, England.

. J. Mass Spectrom. & Ion Process. (Netherlands)
International Journal of Mass Spectrometry and Ion Processes Elsevier Science Publishers B.V., P.O.Box 330, 1000 AH Amsterdam, Netherlands.

. J. Math. Educ. Sci. & Technol. (GB)
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International Journal of Micrographics & Video Technology Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England.

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International Journal of Operations & Production Management MCB Publications Ltd., 189-200 Keighley Road, Bradford, West Yorks. BD9 4JQ, England.

. J. Phys. Distrib. & Mater. Manage. (GB)
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International Journal of Quantum Chemistry, Quantum Biology Symposium [Issued with: *Int. J. Quantum Chem. (USA)*]

Int. J. Quantum Chem. Quantum Chem. Symp. (USA)
International Journal of Quantum Chemistry, Quantum Chemistry Symposia [Issued with: *Int. J. Quantum Chem. (USA)*]

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International Journal of Vehicle Design Inderscience Enterprises Ltd., P.O.Box 301, Queens House, St. Helier, Jersey, Channel Islands, United Kingdom.

Int. Manage. Eur. (GB)
International Management Europe McGraw-Hill International Publications Ltd., 34 Dover Street, London W1, England.

Int. Met. Rev. (GB)
International Metals Reviews Metals Society, 1 Carlton House Terrace, London, SW1Y 5DB, England.

Int. Power Generation (GB)
International Power Generation Fuel and Metallurgical Journals Ltd., 2 Queensway, Redhill RH1 1QS, England.

Int. Water Power & Dam Constr. (GB)
International Water Power & Dam Construction IPC Electrical-Electronic Press Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, England.

InTech (USA)
InTech (Instrumentation Technology) [Title changed to: *InTech (USA)*]

InTech (USA)
InTech [Formerly: *InTech (USA)*] Instrument Society of America, 67 Alexander Drive, P.O.Box 12277, Research Triangle Park, NC 27709, USA.

Integrated Circuits Int. (GB)
Integrated Circuits International Elsevier International Bulletins, Mayfield House, 256 Banbury Road, Oxford OX2 7DH, England.

Integration VLSI J. (Netherlands)
Integration, The VLSI Journal North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Inter Connexion (France)
Inter Connexion Groupement Syndicat des Industries de Materials d'Equipement Electrique, 11 Rue Hamelin, 75783 Paris 6, France.

Interactive Learn. Int. (GB)
Interactive Learning International John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, England.

Interavia (Engl. Ed.) (Switzerland)
Interavia (English Edition) Interavia S.A., 86 Avenue Louis-Casai, P.O. Box 162, 1216 Cointrin, Geneva, Switzerland.

Interdisciplinary Sci. Rev. (GB)
Interdisciplinary Science Reviews Wiley Heyden, Baffins Lane, Chichester, West Sussex PO19 1UD, England.

Interface (Netherlands)
Interface Swets Publishing Service, 347b Heereweg, 2160 AH Lisse, Netherlands.

Interface Age/Comput. Bus. (USA)
Interface Age/Computing for Business [Title changed to: *Comput. Bus. (USA)*]

Interface Comput. Educ. Q. (USA)
Interface: The Computer Education Quarterly 915 River Street, Santa Cruz, CA 95066, USA.

Interfaces (USA)
Interfaces Institute of Management Sciences, 290 Westminster Street, Providence, RI 02903, USA.

Interlending & Doc. Supply (GB)
Interlending & Document Supply British Library Lending Division, Boston Spa, Wetherby, West Yorks. LS23 7BQ, England.

Intern. Auditor (USA)
Internal Auditor Institute of Internal Auditors Inc., 249 Maitland Avenue, Altamonte Springs, FL 32701, USA.

Inverse Probl. (GB)
Inverse Problems Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England.

Inzh.-Fiz. Zh. (USSR)
Inzhenerno-Fizicheskii Zhurnal [English translation in: *J. Eng. Phys. (USA)*] Izdatel'stvo Akademii Nauk BSSR, Editorial address: Polesnaya 25, Minsk 13, USSR.
INSPEC coverage is from English translation

IPLE Light. J. (GB)
IPLE Lighting Journal [Title changed to: *Light. J. (GB)*]

Ir. Comput. (Ireland)
Irish Computer Computer Publications of Ireland Ltd., 'Birchdale', Cherrywood Road, Loghlinstown, Co. Dublin, Ireland.

Iran. J. Sci. & Technol. (GB)
Iranian Journal of Science and Technology Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England.

Iraqi J. Sci.
Iraqi Journal of Science College of Science, Adamiya, Baghdad, Iraq.

Irish Astron. J.
Irish Astronomical Journal Armagh Observatory, Armagh BT61 9DG, Northern Ireland.

Iron & Steel Eng. (USA)
Iron and Steel Engineer Association of Iron & Steel Engineers, Suite 2350, Three Gateway Centre, Pittsburgh, PA 15222, USA.

Iron Age (USA)
Iron Age Chilton Co., Chilton Way, Radnor, PA 19089, USA.

ISA Trans. (USA)
ISA Transactions Instrument Society of America, P.O. Box 12277, 67 Alexander Drive, Research Triangle Park, NC 27709, USA.

Ishikawajima-Harima Eng. Rev. (Japan)
Ishikawajima-Harima Engineering Review 2-16 Toyosu 3-chome, Kotuko, Tokyo 135, Japan.

ISI Bull. (India)
ISI Bulletin Indian Standards Institution, Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110002, India.

Islamabad J. Sci. (Pakistan)
Islamabad Journal of Sciences University of Islamabad Islamabad, Pakistan.

Isr. J. Chem. (Israel)
Israel Journal of Chemistry Weizmann Science Press, P.O. Bo 801, Jerusalem 91000, Israel.

Isr. J. Earth-Sci. (Israel)
Israel Journal of the Earth-Sciences Weizmann Science Press o Israel, P.O.Box 801, Jerusalem 91007, Israel.

Isr. J. Math. (Israel)
Israel Journal of Mathematics Weizmann Science Press of Israe P.O.Box 801, Jerusalem 91007, Israel.

Isr. J. Technol. (Israel)
Israel Journal of Technology Weizmann Science Press, P.O. Bo 801, Jerusalem 91000, Israel.

Issled. Zemli iz Kosmosa (USSR)
Issledovanie Zemli iz Kosmosa [English translation in: *Sov. Remote Sensing (Switzerland)*] Izdatel'stvo 'Nauka', 103717 GS Moskva K-62, Podsosenskii Per. 21, USSR.
INSPEC coverage is from English translation

ITC J. (Netherlands)
ITC Journal International Institute for Aerial Survey and Eart Sciences (ITC), 350 Boulevard 1945, P.O.Box 6, 7500 A Enschede, Netherlands.

Itogi Nauk. & Tekh. Ser. Issled. Kosm. Prostranstva (USSR)
Itogi Nauki i Tekhniki Seriya Issledovanie Kosmicheskogo Pros transtva Akademiya Nauk SSSR, Institut Nauchnoi i Tekhniches koi Informatsii, Moskva, A-219, Baltiiskaya Ul. 14, USSR.

IWATSU Tech. Rep. (Japan)
IWATSU Technical Report IWATSU Electric Co. Ltd., 1-7-4 Kugayama Suginami-ku, Tokyo 168, Japan.

Izmer. Tekh. (USSR)
Izmeritel'naya Tekhnika [English translation in: *Meas. Tec (USA)*] Academy of Sciences USSR Leninskii Prosp., Moskv USSR.
INSPEC coverage is from English translation

Izv. Acad. Sci. USSR Atmos. & Oceanic Phys. (USA)
Izvestiya, Academy of Sciences USSR. Atmospheric and Ocean Physics [Translation of: *Izv. Akad. Nauk SSSR Fiz. Atmos. Okeana*] American Geophysical Union, 1909 K Street, N.W Washington, DC 20006, USA.
INSPEC coverage is from original Russian journal

Izv. Acad. Sci. USSR. Phys. Solid Earth (USA)
Izvestiya Academy of Sciences USSR, Physics of the Solid Ear [Translation of: *Izv. Akad. Nauk SSSR Fiz. Zemli*] America Geophysical Union, 2000 Florida Avenue, N.W., Washington, D 20009, USA.

Izv. Akad. Nauk Arm. SSR Fiz. (USSR)
Izvestiya Akademia Nauk Armyanskoi SSR Fizika [English tran lation in: *Sov. J. Contemp. Phys. (USA)*] Editorial address: Ereva GCP, Barekamutyan 24 B, USSR.
INSPEC coverage is from English translation from 1985

Izv. Akad. Nauk Arm. SSR, Ser. Tekh. Nauk (USSR)
Izvestiya Akademiya Nauk Armyanskoi SSR, Seriya Tekhniche kaya Nauk Izdatel'stva AN Armyanskoi SSR, Ereva Barekamutyan 24, USSR.

Izv. Akad. Nauk Az. SSR Ser. Fiz.-Tekh. & Mat. Nauk (USSR)
Izvestiya Akademii Nauk Azerbaidzhanskoi SSR Seriya Fizik Tekhnicheskikh i Matematicheskikh Nauk Izdatel'stvo EL Baku, USSR.

Izv. Akad. Nauk SSSR Energ. & Transp.
Izvestiya Akademii Nauk SSSR Energetika i Transport [Englis translation in: *Power Eng. (J. Acad. Sci. USSR) (USA)* Izdatel'stvo 'Nauka', 103717 Moskva, Podsosenskii 21, USSR.
INSPEC coverage is from English translation

Izv. Akad. Nauk SSSR Fiz. Atmos. & Okeana
Izvestiya Akademii Nauk SSSR, Fizika Atmosfery i Okea [English translation in: *Izv. Acad. Sci. USSR Atmos. & Ocean Phys. (USA)*] Akademiya Nauk SSSR, Leninskii Prosp. 14, Mo kva, USSR.

Izv. Akad. Nauk SSSR Fiz. Zemli
Izvestiya Akademii Nauk SSSR. Fizika Zemli [English transl tion in: *Izv. Acad. Sci. USSR. Phys. Solid Earth (USA)* Akademiya Nauk SSSR, Leninskii Prosp. 14, Moskva, USSR.
INSPEC coverage is from English translation

Izv. Akad. Nauk SSSR Mekh. Tverd. Tela
Izvestiya Akademii Nauk SSSR Mekhanika Tverdogo Te [English translation in: *Mech. Solids (USA)*] Izdatel'stvo 'Nauk 103717 Moskva, Podsosenskii 21, USSR.
INSPEC coverage is from English translation

Izv. Akad. Nauk SSSR Mekh. Zhidk. & Gaza
Izvestiya Akademii Nauk SSSR Mekhanika Zhidkosti i Ga [English translation in: *Fluid Dyn. (USA)*] Izdatel'stvo 'Nauk 103717 Moskva, Podsosenskii 21, USSR.
INSPEC coverage is from English translation

Akad. Nauk. SSSR Met.
zvestiya Akademii Nauk SSSR, Metally [English translation in: *Russ. Metall. (GB)*] Izdatel'stvo 'Nauka', 103717 Moskva, Podosenskii 21, USSR.
NSPEC coverage is from English translation

Akad. Nauk SSSR Neorg. Mater.
zvestiya Akademii Nauk SSSR Neorganicheskie Materialy English translation in: *Inorg. Mater. (USA)*] Izdatel'stvo 'Nauka', 03717 Moskva, Podsosenskii 21, USSR.
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Akad. Nauk SSSR Ser. Fiz.
zvestiya Akademii Nauk SSSR, Seriya Fizicheskaya [English ranslation in: *Bull. Acad. Sci. USSR, Phys. Ser. (USA)*] zdatel'stvo 'Nauka', 103717 Moskva, Podsosenskii 21, USSR.
NSPEC coverage is from English translation

Akad. Nauk UzSSR Ser. Tekh. Nauk
zvestiya Akademii Nauk UzSSR. Seriya Tekhnicheskikh Nauk Tashkent, USSR.

Gl. Astron. Obs. Pulkove (USSR)
zvestiya Glavnoi Astronomicheskoi Observatorii v Pulkove Leningradskoe Otdelenie Izdatel'stva 'Nauka', B-164 Mendelevskaya in., d.1, Leningrad, USSR.

Khim. Bulg. Akad. Nauk. (Bulgaria)
zvestiya po Khimiya Bulgarska Akademiya na Naukite Bulgarian Academy of Sciences, 1 7th November Street, Sofia C, Bulgaria.

Krym. Astrofiz. Obs. (USSR)
zvestiya Krymskoi Astrofizicheskoi Observatorii [English translation in: *Bull. Crimean Astrophys. Obs. (USA)*] Izdatel'stvo 'Nauka', 103717 Moskva, Podsosenskii 21, USSR.
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Vmei 'Lenin' (Bulgaria)
zvestiya na Vmei 'Lenin' D'rshavno Izdatelstvo 'Tekhnika', Sofiya, Bulgaria.

VUZ Aviats. Tekh. (USSR)
zvestiya Vysshikh Uchebnykh Zavedenii Aviatsionnaya Tekhnika English translation in: *Sov. Aeronaut. (USA)*] G. Kaeanya, K. Marksa 10, Kasaskii Aviatsionnyu Institut, USSR.
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VUZ Elektromekh. (USSR)
zvestiya Vysshikh Uchebnykh Zavedenii, Elektromekhanika 346400 Novocherkassk, ul. Prosveshcheniga 132, Moskva, USSR.

VUZ Energ. (USSR)
zvestiya Vysshikh Uchebnykh Zavedenii, Energetika Belorusski Politekhnicheskii Institut, Minsk, Leninskii Prosp. 65, USSR.

VUZ Fiz. (USSR)
zvestiya Vysshikh Uchebnykh Zavedenii, Fizika [English translation in: *Sov. Phys. J. (USA)*] Higher Education Institutes, Tomsk, USSR.
NSPEC coverage is from English translation

VUZ Gornyi Zh. (USSR)
zvestiya Vysshikh Uchebnykh Zavedenii, Gornyi Zhurnal Ministerstvo Vysshego i Srednego Spetsial'nogo Obrazovaniya, Moskva. Editorial address: Sverdlovsk, Universitetskaya Pl., 9, USSR.

VUZ Mashinostr. (USSR)
zvestiya Vysshikh Uchebnykh Zavedenii, Mashinostroenie Moskva 107005, 2nd Baumanskaya 5, USSR.

VUZ Mat. (USSR)
zvestiya Vysshikh Uchebnykh Zavedenii Matematika [English translation in: *Sov. Math. (USA)*] Izdatel'stvo Gosudarstvennogo Universiteta, 420008 G. Kazan, Ul. V I Lenina 18, USSR.
INSPEC coverage is from English translation

VUZ Priborostr. (USSR)
Izvestiya Vysshikh Uchebnykh Zavedenii Priborostroenie Editorial address: 190 000 Leningrad, Per. Grivtsova 14, USSR.

VUZ Radioelektron. (USSR)
Izvestiya Vysshikh Uchebnykh Zavedenii, Radioelektronika [English translation in: *Radioelectron. & Commun. Syst. (USA)*] Kievskii Ordena Lenina Politekhnicheskii Institut, 252056 Kiev 56, Brest-Litovskii Prospekt 39, USSR.
INSPEC coverage is from English translation

VUZ Radiofiz. (USSR)
Izvestiya Vysshikh Uchebnykh Zavedenii, Radiofizika [English translation in: *Radiophys. & Quantum Electron. (USA)*] Gor'kovskiy Universitet G. Gor'kiy, ul. Lyadova 25, USSR.
INSPEC coverage is from English translation

VUZ Tekhnol. Legkoi Prom.-st. (USSR)
Izvestiya Vysshikh Uchebnykh Zavedenii, Tekhnologiya Legkoi Promyshlennosti Ministerstvo Vysshego i Srednogo Spetsial'nogo Obrazovaniya, Moskva. Editorial address: Kiev, Nemirivicha-Danchenko 2, USSR.

& Proc. R. Soc. New South Wales (Australia)
Journal and Proceedings of the Royal Society of New South Wales Science Centre, 35 Clarence Street, Sydney, NSW 2000, Australia.

J. A (Belgium)
Journal A Koninklijke Vlaamse Ingenieurs-Vereniging, Jan van Rijswijcklaan 58, B-2000 Antwerp, Belgium.

J. Acoust. Soc. Am. (USA)
Journal of the Acoustical Society of America Published for the Acoustical Society of America by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

J. Acoust. Soc. India
Journal of the Acoustical Society of India Prof. B. Ramachandra Rao, Acoustical Society of India, University Grants Commission, Bahadur-Shah Zafar Marg, New Delhi-2, India.

J. Acoust. Soc. Jpn. (E) (Japan)
Journal of the Acoustical Society of Japan (E) Ikeda-Building, 2-7-7, Yoyogi, Shibuya-ku, Tokyo 151, Japan.

J. Acoust. Soc. Jpn. (Japan)
Journal of the Acoustical Society of Japan Ikeda Building 2-7-7, Yoyogi, Shibuya-ku, Tokyo, Japan.

J. Adhes. (GB)
Journal of Adhesion Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

J. Aeronaut. Soc. India
Journal of the Aeronautical Society of India Department of Aeronautics, Indian Institute of Science, Bangalore 560 012, India.

J. Aeronaut. Soc. S. Afr. & S. Afr. Inst. Aeronaut. Eng. (S. Africa)
Journal of the Aeronautical Society of South Africa and South African Institute of Aeronautical Engineers [Title changed to: *Aeronaut. Meridiana (S. Africa)*]

J. Aerosol Sci. (GB)
Journal of Aerosol Science Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 OBW, England.

J. Afr. Earth Sci. (GB)
Journal of African Earth Sciences Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

J. Air Pollut. Control Assoc. (USA)
Journal of the Air Pollution Control Association 4400 Fifth Avenue, Pittsburgh, PA 15213, USA.

J. Algorithms (USA)
Journal of Algorithms Academic Press Inc., 1 East First Street, Duluth, MN 55802, USA.

J. Am. Assoc. Variable Star Obs. (USA)
Journal of the American Association of Variable Star Observers 25 Birch Street, Cambridge, MA 02138, USA.

J. Am. Ceram. Soc. (USA)
Journal of the American Ceramic Society 757 Brooksedge Plaza Drive, Westerville, OH 43081-2821, USA.

J. Am. Chem. Soc. (USA)
Journal of the American Chemical Society 1155 Sixteenth Street N.W., Washington, DC 20036, USA.

J. Am. Helicopter Soc. (USA)
Journal of the American Helicopter Society 217 N. Washington Street, Alexandria, VA 22314, USA.

J. Am. Insur. (USA)
Journal of American Insurance Alliance of American Insurers, 1501 Woodfield Road, Shaumburg, IL 60195-4980, USA.

J. Am. Soc. Inf. Sci. (USA)
Journal of the American Society for Information Sciences American Society for Information Science, 1155 16th Street, N.W., Suite 210, Washington, DC 20036, USA.

J. Appl. Crystallogr. (Denmark)
Journal of Applied Crystallography Munksgaard International Booksellers and Publishers Ltd., 35 Norre Sogade, DK 1370 Kobenhavn K, Denmark.

J. Appl. Electrochem. (GB)
Journal of Applied Electrochemistry Chapman and Hall, 11 New Fetter Lane, London, EC4P 4EE, England.

J. Appl. Mech. & Tech. Phys. (USA)
Journal of Applied Mechanics and Technical Physics [Translation of: *Zh. Prikl. Mekh. & Tekh. Fiz. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

J. Appl. Phys. (USA)
Journal of Applied Physics American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

J. Appl. Physiol. (USA)
Journal of Applied Physiology American Physiological Society, 9650 Rockville Pike, Bethesda, MD 20014, USA.

J. Appl. Pneum. (GB)
Journal of Applied Pneumatics Martonair Ltd., 128 St. Margarets Road, Twickenham TW1 1RJ, England.

J. Appl. Probab. (GB)
Journal of Applied Probability University of Sheffield, Department of Probability and Statistics, Sheffield, S3 7RH, England.

J. Appl. Spectrosc. (USA)
Journal of Applied Spectroscopy [Translation of: *Zh. Prikl. Spektrosk. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

J. Appl. Syst. Anal. (GB)
Journal of Applied Systems Analysis University of Lancaster, Department of Systems, Bailrigg, Lancaster LA1 4YR, England.

J. Approximation Theory (USA)
Journal of Approximation Theory Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.

J. Archit. & Plann. Res. (USA)
Journal of Architectural and Planning Research Elsevier Science Publishing Co. Inc., 52 Vanderbilt Avenue, New York, NY 10017, USA.

J. Assoc. Comput. Mach. (USA)
Journal of the Association for Computing Machinery Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

J. Assoc. Explor. Geophys. (India)
Journal of Association of Exploration Geophysicists Centre of Exploration Geophysics Building, Osmania University, Hyderabad 500 007, India.

J. Assoc. Lunar & Planet. Obs. Strolling Astron. (USA)
Journal of the Association of Lunar and Planetary Observers, Strolling Astronomer Box 3AZ, University Park, NM 88003, USA.

J. Astron. Soc. Egypt
Journal of the Astronomical Society of Egypt Astronomy & Meteorology Department, Faculty of Science, Cairo University, Cairo, Egypt.

J. Astronaut. Sci. (USA)
Journal of the Astronautical Sciences American Astronautical Society, 6060 Duke Street, Alexandria, VA 22304, USA.

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Journal of Astrophysics and Astronomy Indian Academy of Sciences, P.O.Box 8005, Bangalore 560080, India.

J. At. Energy Soc. Jpn. (Japan)
Journal of the Atomic Energy Society of Japan 1-5-4 Ohte-machi, Chiyoda-ku, Tokyo 100, Japan.

J. Atmos. & Oceanic Technol. (USA)
Journal of Atmospheric and Oceanic Technology American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA.

J. Atmos. & Terr. Phys. (GB)
Journal of Atmospheric and Terrestrial Physics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 OBW, England.

J. Atmos. Sci. (USA)
Journal of the Atmospheric Sciences American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA.

J. Audio Eng. Soc. (USA)
Journal of the Audio Engineering Society Lincoln Building, Room 929 60 East 42nd Street, New York, NY 10017, USA.

J. Aust. Ceram. Soc. (Australia)
Journal of the Australian Ceramic Society c/o Department of Ceramic Engineering, University of New South Wales, P.O. Box 1, Kensington, N.S.W. 2033, Australia.

J. Aust. Math. Soc. Ser. B (Australia)
Journal of the Australian Mathematical Society, Series B (Applied Mathematics) Department of Mathematics, University of Queensland, St. Lucia, QLD 4067, Australia.

J. Autom. Chem. (GB)
Journal of Automatic Chemistry United Trade Press Ltd., UTP House, 33-35 Bowling Green Lane, London EC1R 0DA, England.

J. Autom. Reasoning (Netherlands)
Journal of Automated Reasoning D. Reidel Publishing Co., P.O.Box 17, 3300 AA Dordrecht, Netherlands.

J. Bangladesh Acad. Sci.
Journal of Bangladesh Academy of Sciences Dacca, Bangladesh.

J. Belge Radiol.
Journal Belge de Radiologie (Belgisch Tijdschrift voor Radiologie) Societe Royale Belge de Radiologie, Avenue des Eglantines 10, 1150 Bruxelles, Belgium.

J. Biochem. & Biophys. Methods (Netherlands)
Journal of Biochemical and Biophysical Methods Elsevier/North-Holland Biomedical Press, P.O. Box 211, 1000 AE Amsterdam, Netherlands.

J. Bioelectr. (USA)
Journal of Bioelectricity Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA.

J. Bioenerg. & Biomembranes (USA)
Journal of Bioenergetics and Biomembranes Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

J. Bioeng. (GB)
Journal of Bioengineering Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

J. Biol. Phys. (USA)
Journal of Biological Physics Forum Press Inc., P.O.Box 87
Stillwater, OK 74076, USA.

J. Biomech. (GB)
Journal of Biomechanics Pergamon Press Ltd., Headington Hi
Hall, Oxford OX3 0BW, England.

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Journal of Biomedical Engineering Butterworth Scientific Ltd
Journals Division, P.O.Box 63, Westbury House, Bury Stree
Guildford, Surrey GU2 5BH, England.

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Journal de Biophysique et de Biomecanique C.D.R., 11 rue Gossi
92543 Montrouge Cedex, France.

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Journal of the Birla Institute of Technology and Science Bir
Institute of Technology and Sciences, Pilani, Rajasthan, India.

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Journal of the British Astronomical Association Burlington Hous
Piccadilly, London, W1V ONL, England.

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Journal of the British Interplanetary Society British Interplaneta
Society, 27-29 South Lambeth Road, London SW8 1SZ, Englan

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Journal of Business and Economic Statistics American Statistic
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Journal of Capacity Management Institute of Software Enginee
ing, 510 Oakmead Parkway, Sunnyvale, CA 94086, USA.

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Journal of Chemical Education 20th and Northampton Street
Easton, PA 18042, USA.

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Journal of Chemical Information and Computer Sciences Amer
can Chemical Society, 1115 Sixteenth Street, N.W., Washingto
DC 20036, USA.

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Journal of Chemical Physics American Institute of Physics, 3
East 45th Street, New York, NY 10017, USA.

J. Chem. Soc. Faraday Trans. I (GB)
Journal of the Chemical Society Faraday Transactions I Burlin
ton House, London, W1V OBN, England.

J. Chem. Soc. Faraday Trans. II (GB)
Journal of the Chemical Society Faraday Transactions II Burlin
ton House, London, W1V OBN, England.

J. Chem. Technol. & Biotechnol. A (GB)
*Journal of Chemical Technology and Biotechnology A (Chemic
Technology)* Society of Chemical Industry, 14 Belgrave Squar
London SW1X 8PS, England.
Supersedes in part: Journal of Chemical Technology a
Biotechnology

J. Chem. Technol. & Biotechnol. B (GB)
*Journal of Chemical Technology and Biotechnology B (Biotechno
ogy)* Society of Chemical Industry, 14 Belgrave Square, Lond
SW1X 8PS, England.
Supersedes in part: Journal of Chemical Technology a
Biotechnology

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Journal of Chemical Thermodynamics Academic Press In
(London) Ltd., 24-28 Oval Road, London NW1 7DX, England.

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Journal de Chimie Physique et de Physico-Chimie Biologiq
Societe de Chimie Physique, 4 place Jussieu-Tou 54-55, 75230 Pa
Cedex 05, France.

J. Chin. Inst. Eng. (Taiwan)
Journal of the Chinese Institute of Engineers 4th Floor, 2nd Se
tion, Jen-Ai Road, Taipei, Taiwan.

J. Chin. Soc. Mech. Eng. (Taiwan)
Journal of the Chinese Society of Mechanical Engineers 44 La
204, Sung-Kiang Road, Taipei, Taiwan.

J. China Inst. Commun. (China)
Journal of China Institute of Communications (Tongxian Xueb
Publishing House of the People's Posts and Telecommunicatio
Beijing, People's Republic of China.

J. Clim. & Appl. Meteorol. (USA)
Journal of Climate and Applied Meteorology American Meteor
logical Society, 45 Beacon Street, Boston, MA 02108, USA.

J. Climatol. (GB)
Journal of Climatology John Wiley & Sons Ltd., Baffins La
Chichester, West Sussex PO19 1UD, England.

J. Clin. Comput. (USA)
Journal of Clinical Computing 166 Morris Avenue, Buffalo, N
14214, USA.

Clin. Eng. (USA)
Journal of Clinical Engineering Quest Publishing Co., 1351 Titan Way, Brea, CA 92621, USA.

Clin. Lab. Autom. (USA)
Journal of Clinical Laboratory Automation Appleton-Century Crofts, 292 Madison Avenue, New York, NY 10017, USA.

Clin. Ultrasound (USA)
Journal of Clinical Ultrasound John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

Coastal Res. (USA)
Journal of Coastal Research Coastal Education and Research Foundation, P.O.Box 8068, Charlottesville, VA 22906, USA.

Coll. Sci. Teach. (USA)
Journal of College Science Teaching National Science Teachers Association, 1742 Connecticut Avenue, N.W., Washington, DC 20009, USA.

Colloid & Interface Sci. (USA)
Journal of Colloid and Interface Science Academic Press Inc., 1 East First Street, Duluth, MN 55802, USA.

Comb. Theory Ser. A (USA)
Journal of Combinatorial Theory, Series A Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.

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Journal of Combinatorial Theory, Series B Academic Press Inc., 1 East First Street, Duluth, MN 55802, USA.

Complexity (USA)
Journal of Complexity Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.

Compos. Mater. (USA)
Journal of Composite Materials Technomic Publishing Co. Inc., 265 Post Road West, Westport, CT 06880, USA.

Compos. Technol. & Res. (USA)
Journal of Composites Technology and Research American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103, USA.

Comput. & Appl. Math. (Netherlands)
Journal of Computational and Applied Mathematics North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Comput. & Syst. Sci. (USA)
Journal of Computer and System Sciences Academic Press Inc., 1 East First Street, Duluth, MN 55802, USA.

Comput. Assisted Tomogr. (USA)
Journal of Computer Assisted Tomography Raven Press, 1140 Avenue of the Americas, New York, NY 10036, USA.

Comput.-Based Instr. (USA)
Journal of Computer-Based Instruction Association for the Development of Computer-Based Instructional Systems, Computer Center, Western Washington University, Bellingham, WA 98225, USA.

Comput. Chem. (USA)
Journal of Computational Chemistry John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

Comput. Inf. Syst. (USA)
Journal of Computer Information Systems [Formerly: *J. Data Educ. (USA)*] Society of Data Educators, College of Business Administration, Oklahoma State University, Stillwater, OK 74078, USA.

Comput. Math. & Sci. Teach. (USA)
Journal of Computers in Mathematics and Science Teaching Association for Computers in Mathematics and Science Teaching, P.O.Box 4455, Austin, TX 78765, USA.

Comput. Phys. (USA)
Journal of Computational Physics Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.

Cryst. Growth (Netherlands)
Journal of Crystal Growth North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Crystallogr. & Spectrosc. Res. (USA)
Journal of Crystallographic and Spectroscopic Research Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Crystallogr. Soc. Jpn. (Japan)
Journal of the Crystallographic Society of Japan Bunkyo-ku, Yayoi 2-4-16, Tokyo, Japan.

Dalian Inst. Technol. (Dalian Gongxueyuan Xuebao) (China)
Journal of Dalian Institute of Technology (Dalian Gongxueyuan Xuebao) Dalian, People's Republic of China.

Data Educ. (USA)
Journal of Data Education [Title changed to: *J. Comput. Inf. Syst. (USA)*]

Differ. Equations (USA)
Journal of Differential Equations Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL32887, USA.

J. Doc. (GB)
Journal of Documentation Aslib, The Association for Information Management, Information House, 26-27 Boswell Street, London WC1N 3JZ, England.

J. Econ. Dyn. & Control (Netherlands)
Journal of Economic Dynamics and Control North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Educ. Comput. Res. (USA)
Journal of Educational Computing Research Baywood Publishing Co. Inc., 120 Marine Street, P.O.Box D, Farmingdale, NY 11735, USA.

J. Educ. Libr. & Inf. Sci. (USA)
Journal of Education for Library and Information Science Association for Library and Information Science Education, 471 Park Lane, State College, PA 16803, USA.

J. Educ. Technol. Syst. (USA)
Journal of Educational Technology Systems Baywood Publishing Co. Inc., 120 Marine Street, Farmingdale, NY 11735, USA.

J. Elasticity (Netherlands)
Journal of Elasticity Sijthoff & Noordhoff International Publishers, P.O.Box 4, 2400 MA Alphen aan den Rijn, Netherlands.

J. Electr. & Electron. Eng. Aust. (Australia)
Journal of Electrical and Electronics Engineering, Australia Institution of Engineers, Australia, 11 National Circuit, Barton, A.C.T. 2600, Australia.
Formed by merger of Proceedings of the IREE Australia and Transactions of the Institution of Engineers, Australia, Electrical Engineering

J. Electr. Eng. (China)
Journal of Electrical Engineering Editorial address: Chinese Society of Electrical Engineering, Qinghe, Beijing, People's Republic of China.

J. Electrochem. Soc. (USA)
Journal of the Electrochemical Society 215 Canal Street, Manchester, NH 03108, USA.

J. Electrochem. Soc. India
Journal of the Electrochemical Society of India c/o Indian Institute of Science, Department of Metallurgy, Bangalore 560012, India.

J. Electron. (China)
Journal of Electronics Science Press, Beijing, People's Republic of China.

J. Electron. Mater. (USA)
Journal of Electronic Materials A.I.M.E., 420 Commonwealth Avenue, P.O.Box 420, Warrendale Avenue, P.O.Box 420, Warrendale, PA 15035, USA.

J. Electron Microsc. (Japan)
Journal of Electron Microscopy Japanese Society of Electron Microscopy, c/o Japan Academic Society Centre, 4-16 Yayoi 2 Chome, Bunkyo-ku, Tokyo 113, Japan.

J. Electron Spectrosc. & Relat. Phenom. (Netherlands)
Journal of Electron Spectroscopy and Related Phenomena Elsevier Scientific Publishing Co., P.O. Box 330, 1000 AH Amsterdam, Netherlands.

J. Electrophysiol. Tech. (GB)
Journal of Electrophysiological Techniques Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

J. Electrostat. (Netherlands)
Journal of Electrostatics Elsevier Scientific Publishing Co., P.O. Box 330, 1000 AH Amsterdam, Netherlands.

J. Eng. Math. (Netherlands)
Journal of Engineering Mathematics Sijthoff & Noordhoff, International Publishers, Journal Department, P.O. Box 4, Alphen Aan den Rijn, Netherlands.

J. Eng. Phys. (USA)
Journal of Engineering Physics [Translation of: *Inzh.-Fiz. Zh. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

J. Eng. Sci. King Saud Univ. (Saudi Arabia)
Journal of Engineering Sciences King Saud University University Libraries, King Saud University, P.O.Box 22480, Riyadh, Saudi Arabia.

J. Environ. Radioact. (GB)
Journal of Environmental Radioactivity Elsevier Applied Science Publishers Ltd., Crown House, Linton Road, Barking, Essex IG11 8JU, England.

J. Environ. Sci. (USA)
Journal of Environmental Sciences Institute of Environmental Sciences, 940 East Northwest Highway, Mt. Prospect, IL 60056, USA.

J. Equip. Electr. & Electron. (France)
Journal de L'Equipment Electrique et Electronique 13 rue Ganneron, 75018 Paris, France.

J. Fac. Eng. Chiba Univ. (Japan)
Journal of the Faculty of Engineering, Chiba University Chiba, Japan.

J. Fac. Eng. Ibaraki Univ. (Japan)
Journal of the Faculty of Engineering, Ibaraki University Ibaraki,
Japan.

J. Fac. Eng. Shinshu Univ. (Japan)
Journal of the Faculty of Engineering, Shinshu University Nagano,
Japan.

J. Fac. Eng. Univ. Tokyo Ser. A (Japan)
Journal of the Faculty of Engineering, University of Tokyo, Series
A 3-1, 7-Chome, Hongo, Bunkyo-ku, Tokyo 113, Japan.

J. Fac. Eng. Univ. Tokyo Ser. B (Japan)
Journal of the Faculty of Engineering, University of Tokyo, Series
B 3-1, 7-Chome, Hongo, Bunkyo-ku, Tokyo 113, Japan.

J. Fac. Sci. Univ. Tokyo Sect. 1A (Japan)
Journal of the Faculty of Science, University of Tokyo, Section 1A
(Mathematics) Dean of the Faculty of Science, University of
Tokyo, Tokyo, Japan.

J. Fiz. Malaysia
Jurnal Fizik Malaysia Malaysian Institute of Physics, c/o Jabatan
Fizik, Universiti Malaya, Kuala Lumpur 22-11, Malaysia.

J. Fluid Control (USA)
Journal of Fluid Control P.O.Box 2989, Stanford, CA 94305,
USA.

J. Fluid Mech. (GB)
Journal of Fluid Mechanics Cambridge University Press, The Pitt
Building, Trumpington Street, Cambridge CB2 1RP, England.

J. Forth Appl. & Res. (USA)
Journal of Forth Application and Research Institute of Applied
Forth Research, P.O.Box 27686, Rochester, NY 14627, USA.

J. Franklin Inst. (USA)
Journal of the Franklin Institute Pergamon Press Ltd., Headington
Hill Hall, Oxford OX3 OBW, England.

J. Funct. Anal. (USA)
Journal of Functional Analysis Academic Press Inc., 6722 Sea
Harbor Drive, Orlando, FL 32887, USA.

J. Fusion Energy (USA)
Journal of Fusion Energy Plenum Publishing Corp., 233 Spring
Street, New York, NY 10013, USA.

J. Geodyn. (Netherlands)
Journal of Geodynamics Geophysical Press, Amsterdam. Editorial
address: Brouwersgracht 236, 1013 HE Amsterdam, Netherlands.

J. Geol. (USA)
Journal of Geology University of Chicago Press, 5801 Ellis Avenue,
Chicago, IL 60637, USA.

J. Geomagn. & Geoelectr. (Japan)
Journal of Geomagnetism and Geoelectricity University of Tokyo
Press, c/o Business Centre for Academic Societies, 4-16 Yayoi 2-
chome, Bunkyo-ku, Tokyo 113, Japan.

J. Geophys. (Germany)
Journal of Geophysics (Zeitschrift für Geophysik) Springer-
Verlag, 6900 Heidelberg 1, Postfach 105280, Germany.

J. Geophys. Res. (USA)
Journal of Geophysical Research American Geophysical Union,
2000 Florida Avenue, N.W., Washington, DC 20009, USA.

J. Graph Theory (USA)
Journal of Graph Theory John Wiley & Sons Inc., 605 Third
Avenue, New York, NY 10158, USA.

J. Great Lakes Res. (USA)
Journal of Great Lakes Research International Association for
Great Lakes Research, 2200 Bonisteel Boulevard, University of
Michigan, Ann Arbor, MI 48109, USA.

J. Guid. Control & Dyn. (USA)
Journal of Guidance, Control, and Dynamics American Institute of
Aeronautics and Astronautics, 1290 Avenue of the Americas, New
York, NY 10104, USA.

J. Harbin Inst. Technol. (China)
Journal of the Harbin Institute of Technology Distribution
address: China International Book Trading Corp., Guoji Shudian,
P.O.Box 2820, Beijing, People's Republic of China.

J. Hist. Astron. (GB)
Journal for the History of Astronomy Science History Publications
Ltd., Halfpenny Furze, Mill Lane, Chalfont St. Giles, Bucks. HP8
4NR, England.

J. Horol. Inst. Jpn. (Japan)
Journal of the Horological Institute of Japan Nihon-Gakkai Jim-
Center Building, 2-4-16 Yayoi, Bunkyo-ku, Tokyo 113, Japan.

J. Huazhong Inst. Technol. (Engl. Ed.) (China)
Journal of Huazhong Institute of Technology (English Edition)
Distribution address: China International Book Trading Corp.,
Guoji Shudian, P.O.Box 2820, Beijing, People's Republic of China.

J. Illum. Eng. Inst. Jpn. (Japan)
Journal of the Illuminating Engineering Institute of Japan 7-1,
Yurakucho 1 chome, Chiyodaku, Tokyo 100, Japan.

J. Illum. Eng. Soc. (USA)
Journal of the Illuminating Engineering Society 345 East 47
Street, New York, NY 10017, USA.
Supersedes in part: Illuminating Engineering

J. Imaging Sci. (USA)
Journal of Imaging Science [Formerly: *Photogr. Sci. & En*
(USA)] Society of Photographic Scientists and Engineers, 70
Kilworth Lane, Springfield, VA 22151, USA.

J. Imaging Technol. (USA)
Journal of Imaging Technology Society of Photographic Scientis
and Engineers, 7003 Kilworth Lane, Springfield, VA 22151, US

J. Indian Inst. Sci.
Journal of the Indian Institute of Science Bangalore 560012, Indi

J. Inf. & Image Manage. (USA)
Journal of Information and Image Management Association f
Information and Image Management, 1100 Wayne Avenue, Silv
Spring, MD 20910, USA.

J. Inf. & Optimiz. Sci. (India)
Journal of Information & Optimization Sciences Analytic Publis
ing Co., F-23 Model Town, Delhi-110009, India.

J. Inf. Manage. (USA)
Journal of Information Management Life Office Manageme
Association Inc., 100 Colony Square, Atlanta, GA 30361, USA.

J. Inf. Process. (Japan)
Journal of Information Processing Information Processing Socie
of Japan, Kikai-Shinko Kaikan, 3-5-8 Shiba-koen, Kinato-k
Tokyo 105, Japan.

J. Inf. Sci. Princ. & Pract. (Netherlands)
Journal of Information Science, Principles & Practice Publish
for the Institute of Information Scientists by the North-Holla
Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherland

J. Inf. Syst. Manage. (USA)
Journal of Information Systems Management Auerbach Publishe
Inc., 6560 North Park Drive, Pennsauken, NJ 08109, USA.

J. Ing. (Belgium)
Journal des Ingenieurs Association pour l'Encouragement
l'Union des Revues Techniques Belges, Hotel de Societes Scienti
ques, rue des Champs-Elysees 43, 1050 Bruxelles, Belgium.

J. Inst. Electron. & Commun. Eng. Jpn. (Japan)
Journal of the Institute of Electronics and Communication En
neers of Japan Denshi Tsushin Gakkai, Kikai-Shinko-Kaikan, 5-
Shibakoen 3 Chome Minato-ku, Tokyo 105, Japan.
Not covered during the period 1975 to 1977

J. Inst. Electron. & Radio Eng. (GB)
Journal of the Institution of Electronic and Radio Engineers
Gower Street, London WC1E 6AZ, England.

J. Inst. Electron. & Telecommun. Eng. (India)
Journal of the Institution of Electronics and Telecommunicati
Engineers Institution of Electronics & Telecommunication En
neers, 2 Institutional Area, Lodi Road, New Delhi 110003, India

J. Inst. Energy (GB)
Journal of the Institute of Energy 18 Devonshire Street, Portla
Place, London W1N 2AU, England.

J. Inst. Eng. (India) Electr. Eng. Div.
Journal of the Institution of Engineers (India) Electrical Engine
ing Division 8 Gokhale Road, Calcutta 700020, India.

J. Inst. Eng. (India) Electron. & Telecommun. Eng. Div.
Journal of the Institution of Engineers (India) Electronics and T
ecommunication Engineering Division 8 Gokhale Road, Calcu
700020, India.

J. Inst. Eng. (India) Interdisciplinary & Gen. Eng.
Journal of the Institution of Engineers (India) Interdisciplinary a
General Engineering 8 Gokhale Road, Calcutta 700020, India.

J. Inst. Eng. (India) Mech. Eng. Div.
Journal of the Institution of Engineers (India) Mechanical En
neering Division 8 Gokhale Road, Calcutta 700020, India.

J. Inst. Eng. (India) Metall. & Mater. Sci. Div.
Journal of the Institution of Engineers (India), Metallurgy
Material Science Division [Formerly: *J. Inst. Eng. (India) Min.*
Metall. Div.] 8 Gokhale Road, Calcutta 700 020, India.

J. Inst. Eng. (India) Min. & Metall. Div.
Journal of the Institution of Engineers (India) Mining and Met
lurgy Division [Title changed to: *J. Inst. Eng. (India) Metall.*
Mater. Sci. Div.]

J. Inst. Eng. Aust. (Australia)
Journal of the Institution of Engineers, Australia Miadna P
Ltd., 11 National Circuit, Barton ACT 2600, Australia.

J. Inst. Telev. Eng. Jpn. (Japan)
Journal of the Institute of Television Engineers of Japan Kik
Shinko Building, 3-5-8 Shiba Park, Minato-ku, Shiba PO, Tok
Japan.

J. Jpn. Inst. Met. (Japan)
Journal of the Japan Institute of Metals Aza-Aoba Arama
Sendai 980, Japan.

Jpn. Inst. Navig. (Japan)
Journal of Japan Institute of Navigation c/o Tokyo University of Mercantile Marine, 1-6 Etchujima 2, Koto-ku, Tokyo 135, Japan.

Jpn. Soc. Aeronaut. & Space Sci. (Japan)
Journal of the Japan Society for Aeronautical and Space Sciences Kouku-Kaikan-bunkan, 1-18-2 Shinbashi, Minato-ku, Tokyo 105, Japan.

Jpn. Soc. Precis. Eng. (Japan)
Journal of the Japan Society of Precision Engineering Ceramics Building, 22-12, Hyakunincho 2-chome, Shinjuku-Ku, Tokyo, Japan.

Jpn. Soc. Simulation Technol. (Japan)
Journal of the Japan Society for Simulation Technology 5-10-11 Sendagaya, Shibuya-ku, Tokyo 151, Japan.

Korea Inf. Sci. Soc.
Journal of the Korea Information Science Society Korea Advanced Institute of Science, P.O.Box 150, Chongyangni, Seoul, Korea.

Korea Inst. Electron. Eng.
Journal of Korea Institute of Electronics Engineers 635-4 Yucksam-dong, Kangnam-ku, Seoul 135, Korea.

Korean Inst. Electr. Eng.
Journal of the Korean Institute of Electrical Engineers Korean Institute of Electrical Engineers, 635-4 Yucksam-dong, Kangnam-ku, Seoul 135, Korea.

Korean Inst. Met.
Journal of the Korean Institute of Metals C.P.O. Box 5311, Seoul, Korea.

Korean Nucl. Soc.
Journal of the Korean Nuclear Society P.O. Box 7, Cheong Ryang, Seoul, Korea.

Korean Phys. Soc.
Journal of the Korean Physical Society Korean Physical Society, Science Centre Building, San 76-561, Yuksan-dong, Kangam-ku, Seoul, Korea.

Less-Common Met. (Switzerland)
Journal of the Less-Common Metals Elsevier Sequoia SA, P.O. Box 851, 1001 Lausanne 1, Switzerland.

Libr. Adm. (USA)
Journal of Library Administration Haworth Press Inc., 75 Griswold Street, Binghampton, NY 13904, USA.

Librarianship (GB)
Journal of Librarianship Library Association, 7 Ridgmount Street, London, WC1E 7AE, England.

Light & Visual Environ. (Japan)
Journal of Light and Visual Environment Illuminating Engineering Institute of Japan, 7-1, Yurakucho, 1 chome, Chiyoda-ku, Tokyo 100, Japan.

Lightwave Technol. (USA)
Journal of Lightwave Technology Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

Logic Program. (USA)
Journal of Logic Programming Elsevier Science Publishing Co. Inc., 52 Vanderbilt Avenue, New York, NY 10017, USA.

Low Freq. Noise & Vib. (GB)
Journal of Low Frequency Noise & Vibration Multi Science Publishing Co. Ltd., 42/45 New Broad Street, London EC2M 1QY, England.

Low Temp. Phys. (USA)
Journal of Low Temperature Physics Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Lumin. (Netherlands)
Journal of Luminescence North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Macromol. Sci. - Phys. (USA)
Journal of Macromolecular Science - Physics Marcel Dekker Inc., P.O. Box 11305, Church Street Station, New York, NY 10249, USA.

Magn. & Magn. Mater. (Netherlands)
Journal of Magnetism and Magnetic Materials North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Magn. Resonance (USA)
Journal of Magnetic Resonance Academic Press Inc., 1 East First Street, Duluth, MN 55802, USA.

Manage. Inf. Syst. (USA)
Journal of Management Information Systems M.E. Sharpe Inc., 80 Business Park Drive, Armonk, NY 10504, USA.

Manuf. Syst. (USA)
Journal of Manufacturing Systems Society of Manufacturing Engineers, One SME Drive, P.O.Box 930, Dearborn, MI 48128, USA.

J. Mater. Res. (USA)
Journal of Materials Research Published for the Materials Research Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

J. Mater. Sci. (GB)
Journal of Materials Science Chapman and Hall, 11 New Fetter Lane, London, EC4P 4EE, England.

J. Mater. Sci. Lett. (GB)
Journal of Materials Science Letters Chapman and Hall, 11 New Fetter Lane, London EC4P 4EE, England.

J. Math. & Phys. Sci. (India)
Journal of Mathematical and Physical Sciences Indian Institute of Technology, Department of Mathematics, Madras 600 036, India.

J. Math. Anal. & Appl. (USA)
Journal of Mathematical Analysis and Applications Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.

J. Math. Biol. (Germany)
Journal of Mathematical Biology Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33, Germany.

J. Math. Phys. (USA)
Journal of Mathematical Physics American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

J. Mec. Theor. & Appl. (France)
Journal de Mecanique Theorique et Appliquee (Journal of Theoretical and Applied Mechanics) CDR, Centrale des Revues, 11 rue Gossin, 92543 Montrouge Cedex, France.
Formed by merger of Journal de Mecanique and Journal de Mecanique Appliquee

J. Mech. & Phys. Solids (GB)
Journal of the Mechanics and Physics of Solids Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England.

J. Mech. Eng. Lab. (Japan)
Journal of Mechanical Engineering Laboratory Namiki Sakuramura, Niihari-gun, Ibaraki, Japan.

J. Med. Eng. & Technol. (GB)
Journal of Medical Engineering & Technology Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, England.

J. Membrane Sci. (Netherlands)
Journal of Membrane Science Elsevier Scientific Publishing Co., P.O. Box 330, 1000 AH Amsterdam, Netherlands.

J. Met. (USA)
Journal of Metals Metallurgical Society of AIME, P.O. Box 430, 420 Commonwealth Drive, Warrendale, PA 15086, USA.

J. Met. Finish. Soc. Jpn. (Japan)
Journal of the Metal Finishing Society of Japan Kyodo Building, 2 Kanda Iwamoto-cho, Chiyoda-ku, Tokyo 101, Japan.
Journal not covered for the period Dec. 1976-Dec. 1984

J. Microcomput. Appl. (GB)
Journal of Microcomputer Applications Academic Press Inc. (London) Ltd., 24-28 Oval Road, London NW1 7DX, England.

J. Microsc. (GB)
Journal of Microscopy Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 0EL, England.

J. Microsc. & Spectrosc. Electron. (France)
Journal de Microscopie et de Spectroscopie Electroniques Societe Francaise de Microscopie Electronique, 67 rue Maurice-Gunsbourg, 94200 Ivry, France.

J. Microwave Power (Canada)
Journal of Microwave Power [Title changed to: *J. Microwave Power & Electromagn. Energy (USA)*]

J. Microwave Power & Electromagn. Energy (USA)
Journal of Microwave Power and Electromagnetic Energy [Formerly: *J. Microwave Power (Canada)*] International Microwave Power Institute, 13542 Union Village Circle, Clifton, VA 22024, USA.

J. Mol. Electron. (GB)
Journal of Molecular Electronics John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, England.

J. Mol. Liq. (Netherlands)
Journal of Molecular Liquids Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Mol. Sci. (Int. Ed.) (China)
Journal of Molecular Science (International Edition) Huazhong University of Science and Technology Press, Wuhan, People's Republic of China.

J. Mol. Spectrosc. (USA)
Journal of Molecular Spectroscopy Academic Press Inc., 1 East First Street, Duluth, MN 55802, USA.

J. Mol. Struct. (Netherlands)
Journal of Molecular Structure Elsevier Scientific Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

J. Multivariate Anal. (USA)
Journal of Multivariate Analysis Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.

J. Nanjing Inst. Technol. (China)
Journal of Nanjing Institute of Technology Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, People's Republic of China.

J. Natl. Res. Counc. Thailand
Journal of the National Research Council of Thailand Thai National Documentation Centre, Bangkhen, Thailand.

J. Navig. (GB)
Journal of Navigation Royal Institute of Navigation at the Royal Geographical Society, 1 Kensington Gore, London, SW7 2AT, England.
Not covered during the period 1973 to 1976

J. Neurosci. Methods (Netherlands)
Journal of Neuroscience Methods Elsevier/North-Holland, Journal Division, P.O. Box 211, 1000 AE Amsterdam, Netherlands.

J. Non-Cryst. Solids (Netherlands)
Journal of Non-Crystalline Solids North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

J. Non-Equilibrium Thermodyn. (Germany)
Journal of Non-Equilibrium Thermodynamics Walter de Gruyter & Co., Genthiner Strasse 13, D-1000 Berlin 30, Germany.

J. Non-Newtonian Fluid Mech. (Netherlands)
Journal of Non-Newtonian Fluid Mechanics Elsevier Scientific Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

J. Nondestr. Eval. (USA)
Journal of Nondestructive Evaluation Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

J. Nucl. Mater. (Netherlands)
Journal of Nuclear Materials North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

J. Nucl. Med. (USA)
Journal of Nuclear Medicine Society of Nuclear Medicine, 475 Park Avenue South, New York, NY 10016, USA.

J. Nucl. Med. & Allied Sci. (Italy)
Journal of Nuclear Medicine and Allied Sciences Edizioni Minerva Medica, Corso Bramante 83-85, Torino, Italy.

J. Nucl. Med. Technol. (USA)
Journal of Nuclear Medicine Technology Society of Nuclear Medicine, 475 Park Avenue South, New York, NY 10016, USA.

J. Nucl. Sci. & Technol. (Japan)
Journal of Nuclear Science and Technology Atomic Energy Society of Japan, No.1-1-13, Shimbashi, Minato-ku, Tokyo 105, Japan.

J. Number Theory (USA)
Journal of Number Theory Academic Press Inc., 1 East First Avenue, Duluth, MN 55802, USA.

J. Occup. Psychol. (GB)
Journal of Occupational Psychology British Psychological Society, St. Andrews House, 48 Princess Road East, Leicester LE1 7DR, England.

J. Oper. Res. Soc. (GB)
Journal of the Operational Research Society Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

J. Oper. Res. Soc. Jpn. (Japan)
Journal of the Operations Research Society of Japan Operations Research Society of Japan, 4-16 Yayoi 2-chome, Bunko-ku, Tokyo 113, Japan.

J. Opt. (France)
Journal of Optics Masson Editeur, 120 Boulevard Saint-Germain, 75280 Paris Cedex 06, France.

J. Opt. (India)
Journal of Optics Optical Society of India, Department of Applied Physics, University of Calcutta, 92 Acharya Prafulla Chandra Road, Calcutta 700 009, India.

J. Opt. Commun. (Germany)
Journal of Optical Communications Fachverlag Schiele & Schon GmbH, Markgrafenstrasse 11, D-1000 Berlin 61, Germany.

J. Opt. Soc. Am. A (USA)
Journal of the Optical Society of America A (Optics and Image Science) 1816 Jefferson Place, N.W., Washington, DC 20036, USA.
Supersedes in part: Journal of the Optical Society of America

J. Opt. Soc. Am. B (USA)
Journal of the Optical Society of America B (Optical Physics) 1816 Jefferson Place, N.W., Washington, DC 20036, USA.
Supersedes in part: Journal of the Optical Society of America

J. Optimiz. Theory & Appl. (USA)
Journal of Optimization Theory and Applications Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

J. Parallel & Distrib. Comput. (USA)
Journal of Parallel and Distributed Computing Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.

J. Pascal, Ada & Modula-2 (USA)
Journal of Pascal, Ada & Modula-2 John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

J. Petrol. (GB)
Journal of Petrology Oxford University Press, Press Road, London NW10 0DD, England.

J. Photogr. Sci. (GB)
Journal of Photographic Science Royal Photographic Society, 14 South Audley Street, London W1Y 5DP, England.

J. Phys. (France)
Journal de Physique Editions de Physique, Zone Industrielle de Courtaboeuf, B.P. 112, 91944 Les Ulis Cedex, France.

J. Phys. & Chem. Ref. Data (USA)
Journal of Physical and Chemical Reference Data American Chemical Society, 1155 Sixteenth Street, N.W., Washington, DC 20036, USA.

J. Phys. & Chem. Solids (GB)
Journal of the Physics and Chemistry of Solids Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

J. Phys. A (GB)
Journal of Physics A (Mathematical and General) Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England.

J. Phys. B (GB)
Journal of Physics B (Atomic and Molecular Physics) Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England.

J. Phys. C (GB)
Journal of Physics C (Solid State Physics) Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England.

J. Phys. Chem. (USA)
Journal of Physical Chemistry American Chemical Society, 1155 Sixteenth Street N.W., Washington, DC 20036, USA.

J. Phys. Colloq. (France)
Journal de Physique Colloque Editions de Physique, Zone Industrielle de Courtaboeuf, B.P. 112, 91944 Les Ulis Cedex, France.

J. Phys. D (GB)
Journal of Physics D (Applied Physics) Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England.

J. Phys. E (GB)
Journal of Physics E (Scientific Instruments) [Formerly: *J. Sci. Instrum. (GB)*] Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England.

J. Phys. Earth (Japan)
Journal of Physics of the Earth University of Tokyo Press, c/o Business Centre for Academic Sciences, 4-16 Yayoi 2-chome, Bunkyo-ku, Tokyo 113, Japan.

J. Phys. F (GB)
Journal of Physics F (Metal Physics) Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England.

J. Phys. G (GB)
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Journal de Physique Lettres [Issued with: *J. Phys. (France)*]

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Journal of Physical Oceanography American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA.

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Journal of Polymer Science, Part A (Polymer Chemistry) [Formerly: *J. Polym. Sci. Polym. Chem. Ed. (USA)*] John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

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Pure & Appl. Ultrason. (India)
Journal of Pure and Applied Ultrasonics Ultrasonic Society of India. Editorial address: c/o Ultrasonics Section, National Physical Laboratory, New Delhi 110 012, India.

Qual. Technol. (USA)
Journal of Quality Technology American Society of Quality Control, Plankinton Building, 161 West Wisconsin Avenue, Milwaukee, WI 53203, USA.

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Journal of Quantitative Spectroscopy and Radiative Transfer Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

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Radio Res. Lab. (Japan)
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Radioanal. & Nucl. Chem. Lett. (Switzerland)
Journal of Radioanalytical and Nuclear Chemistry, Letters Elsevier Sequoia S.A., P.O.Box 851, CH-1001 Lausanne, Switzerland.

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Rech. Atmos. (France)
Journal de Recherches Atmospheriques [Title changed to: *Atmos. Res. (Netherlands)*]

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Res. Inst. Sci. & Technol. Nihon Univ. (Japan)
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Res. Natl. Bur. Stand. (USA)
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Jahangirnagar Review, Part A (Science) Jahangirnagar University, Savar, Dhaka, Bangladesh.

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JEOL News Electron Opt. Instrum. (Japan)
JEOL News, Electron Optics Instrumentation JEOL Ltd., 141
Nakagami, Akishima, Tokyo 196, Japan.

JETP Lett. (USA)
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Tokyo 100, Japan.

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Japanese Journal of Applied Physics, Part 1 (Regular Papers
Short Notes) Publication Office, Daini Toyokaiji Building, 24-
Shinbashi 4-chome, Minato-ku, Tokyo 105, Japan.
Supersedes in part: Japanese Journal of Applied Physics

Jpn. J. Appl. Phys. Part 2 (Japan)
Japanese Journal of Applied Physics, Part 2 (Letters) Publicatic
Office, Daini Toyokaiji Building, 24-8, Shinbashi 4-chome, Minat
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Supersedes in part: Japanese Journal of Applied Physics

Jpn. J. Appl. Phys. Suppl. (Japan)
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Jpn. Telecommun. Rev. (Japan)
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Kernenergie Akademie-Verlag, DDR-1086 Berlin, Leipziger Strasse 3-4, Germany.

Kexue Tongbao (Foreign Lang. Ed.) (China)
Kexue Tongbao (Foreign Language Edition) [Title changed to: *Kexue Tongbao (Sci. Bull.) (China)*]

Kexue Tongbao (Sci. Bull.) (China)
Kexue Tongbao (Science Bulletin) [Formerly: *Kexue Tongbao (Foreign Lang. Ed.) (China)*] Science Press, 137 Chaoyangmennei Street, Beijing, People's Republic of China.

Khim. Fiz. (USSR)
Khimicheskaya Fizika [English translation in: *Sov. J. Chem. Phys. (GB)*] Izdatel'stvo 'Nauka', 103717 GSP Moskva K-62, Podsosenskii Per. 21, USSR.
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Landis & Gyr Rev. (Switzerland)
Landis & Gyr Review 6301 Zug, Switzerland.

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Library Hi Tech Pierian Press, P.O.Box 1808, Ann Arbor, MI 48106, USA.

Libr. Micromation News (GB)
Library Micromation News Information Technology Centre, 309 Regent Street, London W1R 8AL, England.

Libr. Q. (USA)
Library Quarterly University of Chicago Press, 11030 S. Langley Avenue, Chicago, IL 60628, USA.

Libr. Resour. & Tech. Serv. (USA)
Library Resources & Technical Services American Library Association, Resources and Technical Service Division, 1201-05 Bluff Street, Fulton, MO 65251, USA.

Libr. Software Rev. (USA)
Library Software Review Meckler Publishing, 520 Riverside Avenue, Westport, CT 06880, USA.

Libr. Trends (USA)
Library Trends University of Illinois Graduate School of Library and Information Science, 249 Armory Building, 505 East Armory Street, Champaign, IL 61820, USA.

Licht (Germany)
Licht Dr. Alfred Huthig Verlag, 6900 Heidelberg 1, Postfach 10 28 69, Germany.

Lichtbogen (Germany)
Der Lichtbogen Chemische Werke Huls AG, 4370 Marl, Kreis Recklinghausen, Germany.

Liet. TSR Mokslu Akad. Darbai B Ser.(USSR)
Lietuvos TSR Mokslu Akademijos Darbai, B Serija Vilnius, Lenino pr. 3, USSR.

Light. Aust. (Australia)
Lighting in Australia Rala Publications, Suite 503, 84 Pitt Street, Sydney, NSW 2000, Australia.

Light. Equip. News (GB)
Lighting Equipment News Maclean Hunter Ltd., 76 Oxford Street, London W1N 9FD, England.

Light. J. (GB)
Lighting Journal [Formerly: *IPLE Light. J. (GB)*] Institution of Lighting Engineers, Lennox House, 9 Lawford Road, Rugby, Warwicks. CV21 2DZ, England.

Light. Res. & Technol. (GB)
Lighting Research and Technology Lighting Division, Chartered Institution of Building Services, 49 Cadogan Square, London SW1X 0JB, England.

Linde Rep. Sci. & Technol. (Germany)
Linde Reports on Science and Technology Linde Aktiengesellschaft, Abraham Lincoln-Strasse 21, D-6200 Wiesbaden, Germany.

Linear Algebra & Appl. (USA)
Linear Algebra and its Applications Elsevier North-Holland Inc., 52 Vanderbilt Avenue, New York, NY 10017, USA.

Link-Up (USA)
Link-Up Learned Information Inc., 143 Old Marlton Pike, Medford, NJ 08055, USA.

Liq. Cryst. (GB)
Liquid Crystals Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, England.

Litov. Fiz. Sb. (USSR)
Litovskii Fizicheskii Sbornik [English translation in: *Sov. Phys.-Collect. (USA)*] Lietvos TSR Mokslu Akademijos Centrine Biblioteka, Pozelos G-VE 54, 232600 Vilnius, USSR.
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Ljuskultur (Sweden)
Ljuskultur Publication address: Skeppargatan 27, Box 5512, 11485 Stockholm, Sweden.

LKB News Sci. Tools (Sweden)
LKB News with Science Tools LKB Produckter Fabriksaktiebolag, P.O.Box 76, Stockholm-Bromma, Sweden.

Lloyds Bank Rev. (GB)
Lloyds Bank Review 71 Lombard Street, London EC3P 3BS, England.

Logist. & Transp. Rev. (Canada)
Logistics and Transportation Review Faculty of Commerce, University of British Columbia Vancouver V6T 1W5, Canada.

Logist. Today (GB)
Logistics Today Cranfield Institute of Technology, Cranfield, Bedford MK43 0AL, England.

Low Temp. Sci. Ser. A (Japan)
Low Temperature Science, Series A (Physical Sciences) Institute of Low Temperature Science, Hokkaido University, Sapporo, Japan.

LSE Eng. Bull. (GB)
LSE Engineering Bulletin Laurence, Scott & Electromotors Ltd., P.O.Box 25, Kerrison Road, Norwich NR1 1JD, England.

Lucas Eng. Rev. (GB)
Lucas Engineering Review Joseph Lucas Ltd., Great King Street, Birmingham B19 2XF, England.

Lucr. ICPE (Rumania)
Lucrarile ICPE Institut de Cercetare si Projectare Pentru Industria Electrotehnica, Bd. T. Vladirnirescu No. 45-47, Raionul V.I. Lenin, Bucuresti, Rumania.

Luft- & Kaeltetech. (Germany)
Luft- und Kaltetechnik VEB Verlag Technik, 102 Berlin, Oranienburger Strasse 13/14, Germany.

Lunar & Planet. Inf. Bull. (USA)
Lunar & Planetary Information Bulletin Universities Space Research Association, Lunar and Planetary Institute, 3303 NASA Road One, Houston, TX 77058-4399, USA.

Mach. & Prod. Eng. (GB)
Machinery and Production Engineering Findlay Publications Ltd., Franks Hall, Horton Kirby, Kent DA4 9LL, England.

Mach. Des. (USA)
Machine Design Penton/IPC Inc., Penton Plaza, Cleveland, OH 44114, USA.
Not covered during the period June 1972 to Sept. 1977

Macromol. Rev. (USA)
Macromolecular Reviews John Wiley & Son Inc., 605 Third Avenue, New York, NY 10016, USA.

Mag. Bank Adm. (USA)
Magazine of Bank Administration Bank Administration Institute, 60 Gould Center, Rolling Meadows, IL 60008, USA.

Mag. Concr. Res. (GB)
Magazine of Concrete Research Cement & Concrete Association, Wexham Springs, Slough SL3 6PL, England.

Magn. Gidrodin. (USSR)
Magnitnaya Gidrodinamika [English translation in: *Magnetohydrodynamics (USA)*] Akademiya Nauk Latviiskoi SSR, 'Zinatne', ul Smilshu 1, Riga 47, USSR.
INSPEC coverage is from English translation

Magn. Resonance Imaging (GB)
Magnetic Resonance Imaging Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Magn. Resonance Rev. (GB)
Magnetic Resonance Review Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Magnetohydrodynamics (USA)
Magnetohydrodynamics [Translation of: *Magn. Gidrodin. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Magy. Geofiz. (Hungary)
Magyar Geofizika Lapkiado Vallalat, 1073 Budapest, Lenin korut 9-11, Hungary.

M.A.N. Res. Eng. Manuf. (Germany)
M.A.N. Research Engineering Manufacturing Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft, D 89 Augsburg, Germany.

Manage. & Inf. (Italy)
Management e Informatica Franco Angeli Editore, Viale Monza 106, 20127 Milano, Italy.

Manage. Account. (USA)
Management Accounting National Association of Accountants, 10 Paragon Drive, Montvale, NJ 07645-1760, USA.

Manage. Decis. (GB)
Management Decision MCB University Press Ltd., 198-200 Keighley Road, Bradford, West Yorks. BD9 4JQ, England.

Manage. Inf. (GB)
Managing Information 55 Fleet Street, London EC4Y 1LQ, England.

Manage. Inf. Syst. Q. (USA)
Management Information Systems Quarterly Society for Management Inforamtion Systems, MIS Research Center, 271 19th Avenue South, University of Minnesota, Minneapolis, MN 55455, USA.

Manage. Rev. (GB)
Management Review [Issued with: *Comput. Wkly. (GB)*]

Manage. Sci. (USA)
Management Science Institute of Management Sciences, 290 Westminster Street, Providence, RI 02903, USA.

Manage. Serv. (GB)
Management Services Institute of Management Services, 1 Cecil Court, London Road, Enfield, Middx EN2 6DD, England.

Manage. Technol. (USA)
Management Technology International Thomson Technology Information Inc., 12th Floor, 135 West 50th Street, New York, NY 10020, USA.

Manage. World (USA)
Management World Administrative Management Society, 2360 Maryland Road, Willow Grove, PA 19090, USA.

Manuf. Chem. (GB)
Manufacturing Chemist Morgan-Grampian (Process Press) Ltd., 30 Calderwood Street, Woolwich, London SE18 6QH, England.

Mar. Geod. (USA)
Marine Geodesy Crane, Russak & Co. Inc., 3 East 44th Street, New York, NY 10017, USA.

Mar. Geophys. Res. (Netherlands)
Marine Geophysical Researches D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands.

Mar. Pollut. Bull. (GB)
Marine Pollution Bulletin Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Mar. Technol. Soc. J. (USA)
Marine Technology Society Journal 2000 Florida Avenue, N.W., Suite 500, Washington, DC 20009, USA.

Mark. News (USA)
Marketing News International Headquarters of the American Marketing Association, Suite 200, 250 S. Wacker Drive, Chicago, IL 60606, USA.

Marketing (GB)
Marketing Marketing Publications Ltd., 22 Lancaster Gate, London W2 3LY, England.

Maschinenschaden (Germany)
Der Maschinenschaden Allianz Versicherungs-AG, Koniginstrasse 28, Postfach 24, D-8000 Munchen 44, Germany.

Mass Spectrosc. (Japan)
Mass Spectroscopy Mass Spectroscopy Society of Japan, c/o Department of Chemistry, Faculty of Liberal Arts and Sciences, University of Osaka Prefecture, Sakai-shi, Osaka, Japan.

Mat. Apl. & Comput. (Brazil)
Matematica Aplicada e Computacional (Computational and Applied Mathematics) Sociedade Brasileira de Matematica Aplicada e Computacional, Rua Lauro Muller, 455 Botafogo, CEP 22290 Rio de Janeiro, Brazil.

Mat. Fiz. & Nelineinaya Mekh. (USSR)
Matematicheskaya Fizika i Nelineinaya Mekhanika Izdatel'stvo 'Naukova Dumka', 252601 Kiev 4, Ul. Repina 3, USSR.

Mat.-Fys. Medd. Dan. Vidensk. Selsk. (Denmark)
Matematisk-Fysiske Meddelelser Konglige Danske Videnskabernes Selskab Royal Danish Academy of Sciences, H.C. Andersen Boulevard 35, DK-1553 Copenhagen V, Denmark.

Mater. Australas. (Australia)
Materials Australasia [Formerly: *Met. Australas. (Australia)*] Institute of Metals and Materials Australasia Ltd. and The Australasian Institute of Metal Finishing, Ian Clunies Ross House, 191 Royal Parade, Parkville, Vic. 3052, Australia.

Mater. Chem. & Phys. (Switzerland)
Materials Chemistry and Physics Elsevier Sequoia S.A., P.O.Box 851, 1001 Lausanne 1, Switzerland.

Mater. Eval. (USA)
Materials Evaluation Society for Nondestructive Testing, 4153 Arlington Plaza, Columbus, OH 43228-0518, USA.

Mater. Flow (Netherlands)
Material Flow Elsevier Scientific Publishing Co., P.O.Box 330, 1000 AH Amsterdam, Netherlands.

Mater. Handl. Eng. (USA)
Material Handling Engineering Penton/IPC Inc., 614 Superior Avenue West, Cleveland, OH 44113, USA.

Mater. Lett. (Netherlands)
Materials Letters North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Mater. Performance (USA)
Materials Performance National Association of Corrosion Engineers, 1440 South Creek, Houston, TX 77084, USA.

Mater. Res. Bull. (USA)
Materials Research Bulletin Pergamon Press Inc., Maxwell House, Fairview Park, Elmsford, NY 10523, USA.

Mater. Sci. (Poland)
Materials Science Wydawnictwo Politechniki Wroclawskiej, Wybreze Wyspianskiego 27, 50-370 Wroclaw, Poland.

Mater. Sci. & Eng. (Switzerland)
Material Science and Engineering Elsevier Sequoia S.A., P.O. Box 851, 1001-Lausanne 1, Switzerland.

Mater. Sci. & Technol. (GB)
Materials Science and Technology Institute of Metals, 1 Carlton House Terrace, London SW1Y 5DB, England.

Mater. Sci. Rep. (Netherlands)
Material Science Reports Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Materialpruefung (Germany)
Materialprufung (Materials Testing) VDI-Verlag GmbH, Graf-Recke-Strasse 84, Postfach 11 39, 4000 Dusseldorf 1, Germany.

Math. & Comput. Educ. (USA)
Mathematics and Computer Education c/o Department of Mathematics and Computer Processing, Nassau Community College, Garden City, LI 11530, USA.

Math. & Comput. Simulation (Netherlands)
Mathematics and Computers in Simulation Elsevier Science Publishers B.V. (North-Holland), P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Math. Balk. (Yugoslavia)
Mathematica Balkanica Beograd, pp 550, Studentski trg 16, Yugoslavia.

Math. Biosci. (USA)
Mathematical Biosciences Elsevier North-Holland Inc., 52 Vanderbilt Avenue, New York, NY 10017, USA.

Math. Comput. (USA)
Mathematics of Computation Published for the National Academy of SciencesNational Research Council by the American Mathematical Society, P.O. Box 6248, Providence, RI 02904, USA.

Math. Modelling (USA)
Mathematical Modelling Pergamon Press Inc., Fairview Park, Elmsford, NY 10523, USA.

Math. Modelling & Numer. Anal. (France)
Mathematical Modelling and Numerical Analysis (Modelisation Mathematique et Analyse Numerique) C.D.R./Centrale des Revues, 11 rue Gossin, 92543 Montrouge Cedex, France.

Math. Numer. Sin. (China)
Mathematica Numerica Sinica Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, People's Republic of China.

Math. Oper. Res. (USA)
Mathematics of Operations Research Operations Research Society of America, Business Office, 428 East Preston Street, Baltimore, MD 21202, USA.

Math. Proc. Cambridge Philos. Soc. (GB)
Mathematical Proceedings of the Cambridge Philosophical Society Cambridge University Press, Bentley House, 200 Euston Road, London, NW1 2DB, England.

Math. Program. (Netherlands)
Mathematical Programming North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Math. Program. Stud. (Netherlands)
Mathematical Programming Studies North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Math. Rep. Toyama Univ. (Japan)
Mathematics Reports Toyama University Department of Mathematics, Faculty of Science, Toyama University, Gofuku, Toyama 930, Japan.

Math. Slovaca (Czechoslovakia)
Mathematica Slovaca Publishing House VEDA of the Slovak Academy of Sciences, 895 30 Bratislava, Klemensova 19, Czechoslovakia.

Math. Soc. Sci. (Netherlands)
Mathematical Social Sciences North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Math. Spectrum (GB)
Mathematical Spectrum Applied Probability Trust. Editorial address: Hicks Building, The University, Sheffield, S3 7RH, England.

Math. Syst. Theory (USA)
Mathematical Systems Theory Springer Verlag New York, 175 Fifth Avenue, New York, NY 10010, USA.

Matrix & Tensor Q. (GB)
Matrix and Tensor Quarterly Tensor Society of Great Britain, The Lyon Playfair Library, Imperial College, London SW7 2AZ, England.

Matsushita Electr. Works Tech. Rep. (Japan)
Matsushita Electric Works Technical Report Matsushita Electric Works Ltd., 1048 Oaza Kadoma, Kadoma-shi, Osaka-fu 571, Japan.

Mausam (India)
Mausam India Meteorological Department. Publication address: Controller of Publications, Civil Lines, Delhi-110054, India.

M.D. Comput. (USA)
M.D. Computing Springer-Verlag New York Inc., P.O.Box 2485, Secaucus, NJ 07094, Germany.

Meas. & Control (GB)
Measurement and Control Institute of Measurement & Control, 20 Peel Street, London, W8 7PD, England.

Meas. Tech. (USA)
Measurement Techniques [Translation of: *Izmer. Tekh. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Measurement (GB)
Measurement Published for IMEKO by the Institute of Measurement and Control, 87 Gower Street, London WC1E 6AA, England.

Meccanica (Italy)
Meccanica Pitagora Editrice, via Zamboni 57, 40126 Bologna, Italy.

Mech. & Corros. Prop. Ser. A (Switzerland)
Mechanical and Corrosion Properties, Series A (Key Engineering Materials) Trans Tech S.A., Trans Tech House, CH-4711 Aedermannsdorf, Switzerland.

Mech. & Corrosion Prop. Ser. B (Switzerland)
Mechanical and Corrosion Properties, Series B (Single Crystal Properties) [Title changed to: *Cryst. Prop. & Prep. (Switzerland)*]

Mech. & Mach. Theory (GB)
Mechanism and Machine Theory Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Mech. Autom. Adm. (Czechoslovakia)
Mechanizace Automatizace Administrativy SNTL, 113 02 Praha 1, Spalena 51, Czechoslovakia.

Mech. Compos. Mater. (USA)
Mechanics of Composite Materials [Translation of: *Mekh. Kompozitnykh Mater. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Mech. Eng. (USA)
Mechanical Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Mech. Eng. Bull. (India)
Mechanical Engineering Bulletin Central Mechanical Engineering Research Institute, Durgapur 713209, India.

Mech. Eng. Technol. (GB)
Mechanical Engineering Technology Institution of Technician Engineers in Mechanical Engineering, 3 Birdcage Walk, Westminster, London SW1H 9JJ, England.

Mech. Mater. (Netherlands)
Mechanics of Materials North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Mech. Res. Commun. (GB)
Mechanics Research Communications Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Mech. Solids (USA)
Mechanics of Solids [Translation of: *Izv. Akad. Nauk SSSR Mekh. Tverd. Tela*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Mech. Teor. & Stosow. (Poland)
Mechanika Teoretyczna i Stosowana Polska Akademia Nauk, 00-049 Warszawa, Ut. Swietokrzyska 21, Poland.

Med. & Biol. Eng. & Comput. (GB)
Medical & Biological Engineering & Computing Peter Peregrinus Ltd., P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England.

Med. Inf. (GB)
Medical Informatics Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, England.

Med. Instrum. (USA)
Medical Instrumentation W.B. Saunders Co., P.O.Box 465, Hanover, PA 17331, USA.

Med. Phys. (USA)
Medical Physics Published for the American Association of Physicists in Medicine by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Med. Prog. Through Technol. (Netherlands)
Medical Progress Through Technology Martinus Nijhoff Publishers, P.O.Box 163, 3300 AD Dordrecht, Netherlands.

Med. Radiol. (USSR)
Meditsinskaya Radiologiya Editorial address: 117819 GSP-7, Moskva V-246, USSR.

Med. Ref. Serv. Q. (USA)
Medical Reference Services Quarterly Haworth Press Inc., 28 East 22 Street, New York, NY 10010, USA.

Med. Res. Eng. (USA)
Medical Research Engineering Medical-Research-Technology, Woods Road, Great Notch, Little Falls, NJ 07424, USA.

Med. Tek. (Sweden)
Medicinsk Teknik Box 27315, 102 54 Stockholm, Sweden.

Med. Tekh. (USSR)
Meditsinskaya Tekhnika [English translation in: *Biomed. Eng. (USA)*] Editorial address: All-Union Scientific-Research Institute of Medical Instruments, Moscow, USSR.
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Meded. K. Acad. Wet. Lett. & Schone Kunsten Belg. (Belgium)
Mededelingen van de Koninklijke Academie voor Wetenschappen, Letteren en Schone Kunsten van Belgie Paleis der Academien, Hertogsstraat 1, B-1000 Bruxelles, Belgium.

Media & Methods (USA)
Media and Methods American Society for Educators, 1511 Walnut Street, Philadelphia, PA 19102, USA.

Media Educ. & Dev. (GB)
Media in Education and Development Published for the British Council by Peter Peregrinus Ltd., P.O.Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England.

Medicamundi (Netherlands)
Medicamundi Philips Gloeilampenfabrieken, Eindhoven, Netherlands.

Medicor News (Hungary)
Medicor News Publicity Department, P.O. Box 150, 1389 Budapest 62, Hungary.

Mehran Univ. Res. J. Eng. & Technol. (Pakistan)
Mehran University Research Journal of Engineering and Technology Jamshoro, Sind, Pakistan.

Meiden Rev. (Int. Ed.) (Japan)
Meiden Review (International Edition) Meidensha Electric Manufacturing Co. Ltd., New Ohtemachi Building, 2-1, 2-chome, Ohtemachi, Chiyoda-ku, Toyko, Japan.

Mekh. & Avtom. Proizvod. (USSR)
Mekhanizatsiya i Avtomatizatsiya Proizvodstva Editorial address: Moskva K51, Tuonya ul. d 17, USSR.

Mekh. & Avtom. Upr. (USSR)
Mekhanizahriya i Avtomahzatsiya Upravleniya Editorial address: 252171 Kiev, ul. Gor'kogo 180, USSR.

Mekh. Kompozitnykh Mater. (USSR)
Mekhnika Kompozitnykh Materialov [English translation in: *Mech. Compos. Mater. (USA)*] Latvian Academy of Sciences, Riga, USSR.
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Mekh. Tverd. Tela (USSR)
Mekhanika Tverdogo Tela Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR.

Mem. & Etud. Sci. Rev. Metall. (France)
Memoires et Etudes Scientifiques de la Revue de Metallurgie 1-5 rue Paul Cezanne, 75008 Paris, France.

Mem. B.R.G.M. (France)
Memoire du B.R.G.M. Bureau de Recherches Geologiques et Minieres, B.P. 6009, 45060 Orleans Cedex, France.

Mem. Cl. Sci. Acad. R. Belg. (8) (Belgium)
Memoires de la Classe des Sciences de l'Academie Royal de Belgique (Collection in 8) Palais des Academies, Rue Ducale 1, Bruxelles, Belgium.

Mem. Coll. Eng. Chubu Univ. (Japan)
Memoirs of College of Engineering, Chubu University Kasugai, Aichi 487, Japan.

Mem. Fac. Eng. & Des. Kyoto Inst. Technol. Ser. Sci. & Technol. (Japan)
Memoirs of the Faculty of Engineering and Design Kyoto Institute of Technology, Series of Science and Technology [Formerly: *Mem. Fac. Ind. Arts Kyoto Tech. Univ. Sci. & Technol. (Japan)*] Matsugasaki, Sakyo-ku, Kyoto 606, Japan.

Mem. Fac. Eng. Fukui Univ. (Japan)
Memoirs of the Faculty of Engineering, Fukui University 3-9-1 Bunkyo, Fukui-shi, Fukui 910, Japan.

Mem. Fac. Eng. Hiroshima Univ. (Japan)
Memoirs of the Faculty of Engineering, Hiroshima University 3-chome Sendamachi, Hiroshima City, Japan.

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Memoirs of the Faculty of Engineering, Kobe University Rokkodai-cho, Nada-ku, Kobe, Japan.

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Memoirs of the Faculty of Engineering, Kumamoto University University of Kumamoto, Faculty of Engineering, Kumamoto, Japan.

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Memoirs of the Faculty of Engineering, Kyoto University Kyoto, Japan.

Mem. Fac. Eng. Kyushu Univ. (Japan)
Memoirs of the Faculty of Engineering, Kyushu University Dean of the Faculty of Engineering, Kuyshu University 36, 6-10-1 Hakozaki, Higashi-ku, Fukuoka 812, Japan.

Mem. Fac. Eng. Miyazaki Univ. (Japan)
Memoirs of the Faculty of Engineering, Miyazaki University 1-1 Kirishima Miyazaki, Japan.

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Memoirs of the Faculty of Engineering, Nagoya University Furo-cho, Chikusa-ku, Nagoya, Japan.

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Memoirs of the Faculty of Engineering, Osaka City University 459 Sugimoto-cho, SumiYoshi-kum, Osaka, Japan.

Mem. Fac. Eng. Yamaguchi Univ. (Japan)
Memoirs of the Faculty of Engineering, Yamaguchi University 2557 Tokiwadai, Ube-shi, Yamaguchi 755, Japan.

Mem. Fac. Ind. Arts Kyoto Tech. Univ. Sci. & Technol. (Japan)
Memoirs of the Faculty of Industrial Arts, Kyoto Technical University, Science and Technology [Title changed to: *Mem. Fac. Eng. & Des. Kyoto Inst. Technol. Ser. Sci. & Technol. (Japan)*]

Mem. Fac. Sci. Kyoto Univ. Ser. Phys. Astrophys. Geophys. Chem. (Japan)
Memoirs of the Faculty of Science, Kyoto University, Series of Physics, Astrophysics, Geophysics and Chemistry Kitashirakawa, Sakyo Ku, Kyoto, Japan.

Mem. Fac. Sci. Kyushu Univ. Ser. B (Japan)
Memoirs of the Faculty of Science, Kyushu University, Series B Fukuoka, Kyushu, Japan.

Mem. Fac. Sci. Kyushu Univ. Ser. C (Japan)
Memoirs of the Faculty of Science, Kyushu University, Series C Fukuoka, Kyushu, Japan.

Mem. Fac. Technol. Kanazawa Univ. (Japan)
Memoirs of the Faculty of Technology, Kanazawa University 2-40-20, Kodatsuno, Kanazawa, Ishikawa 920, Japan.

Mem. Fac. Technol. Tokyo Metrop. Univ. (Japan)
Memoirs of Faculty of Technology, Tokyo Metropolitan University Fukazawa 2-1-1, Setagaya, Tokyo, Japan.

Mem. Hokkaido Inst. Technol. (Japan)
Memoirs of the Hokkaido Institute of Technology 419-2 Maeda Teine, Nishi-ku, Sapporo, Hokkaido 061-24, Japan.

Mem. Kitami Inst. Technol. (Japan)
Memoirs of the Kitami Institute of Technology Kitami Institute of Tehnology, 165 Kouen-Cho, Kitami-Shi, Hokkaido, Japan.

Mem. Kyushu Inst. Technol. Eng. (Japan)
Memoirs of the Kyushu Institute of Technology, Engineering Tobata, Kitakyushu, Japan.

Mem. Natl. Def. Acad. (Japan)
Memoirs of the National Defense Academy Hashirimizu 1-10-20, Yokosuka 239, Japan.

Mem. Res. Inst. Sci. & Eng. Ritsumeikan Univ. (Japan)
Memoirs of the Research Institute of Science & Engineering, Ritsumeikan University Kyoto, Japan.

Mem. Sch. Eng. Okayama Univ. (Japan)
Memoirs of the School of Engineering, Okayama University Tsushima, Okayama, Japan.

Mem. Sch. Sci. & Eng. Waseda Univ. (Japan)
Memoirs of the School of Science & Engineering, Waseda University 3-4-1 Okubo, Shinjuku-ku, Tokyo 160, Japan.

Mem. Sect. Stiint. Ser. IV (Rumania)
Memoriile Sectiilor Stiintifice, Seria IV Academia Republicii Socialiste Romania, Iasi, Str. 23 August 8, Rumania.

Mem. Soc. Astron. Ital. (Italy)
Memorie della Societa Astronomica Italiana Osservatorio Astronomico di Brera, Via Brera 28, 20121 Milano, Italy.

Mem. Tohoku Inst. Technol. Ser. I (Japan)
Memoirs of the Tohoku Institute of Technology, Series I (Science and Engineering) 19 Nakamachi-koeji, Sendai 952, Japan.

Mercury (USA)
Mercury Astronomical Society of the Pacific, 1290 24th Avenue, San Francisco, CA 94122, USA.

Mereni a Regulace (Czechoslovakia)
Mereni a Regulace Research Institute for Automation Systems Pluku 12a, Praha 8-Karlin, Czechoslovakia.

Meres & Autom. (Hungary)
Meres es Automatika Lapkiado Vallalat, Budapest VII, Lenin Korut 9-11, Hungary.

Mess. Pruef. Autom. (Germany)
Messen Prufen Automatisieren Hans Holzmann Verlag GmbH & Co. KG, D-8939 Bad Worishofen, Gewerbestrasse 2, Postfach 1342, Germany.

Mesures (France)
Mesures Compagnie Francaise d'Information pour les Entreprises, 40 rue du Colisee, 75381 Paris Cedex 08, France.

Met. Australas. (Australia)
Metals Australasia [Title changed to: *Mater. Australas. (Australia)*]

Met. Finish. (USA)
Metal Finishing Metals and Plastics Publications Inc., One University Plaza, Hackensack, NJ 07601, USA.

Met. Forum (Australia)
Metals Forum Published for the Australasian Institute of Metals by: Pergamon Press Australia, 19a Boundary Street, Rushcutters Bay, N.S.W. 2011, Australia.

Met. Mater. (GB)
Metallic Materials [Translation of: *Kovove Mater. (Czechoslovakia)*] V.E. Riecansky Technical Translations, 7 Meadow Walk, Great Abington, Cambridge CB1 6AZ, England.

Met. Sci. & Heat Treat. (USA)
Metal Science and Heat Treatment [Translation of: *Metalloved. & Term. Obrab. Met. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Metal. & Electr. (Spain)
Metalurgia y Electricidad Avda. Manzanares 160, Apartado de Correos 756, 28019 Madrid, Spain.

Metall. Trans. A (USA)
Metallurgical Transactions A (Physical Metallurgy and Materials Science) Metallurgical Society of American Institute of Mining, Metallurgical & Petroleum Engineers Inc., P.O. Box 430, 420 Commonwealth Drive, Warrendale, PA15086, USA.

Metall. Trans. B (USA)
Metallurgical Transactions B (Process Metallurgy) Metallurgical Society of American Institute of Mining, Metallurgical & Petroleum Engineers, P.O. Box 430, 420 Commonwealth Drive, Warrendale, PA 15086, USA.

Metallofizika, Kiev (USSR)
Metallofizika [English translation in: *Phys. Met. (GB)*] Izdatel'stvo 'Naukova Dumka', 252601 Kiev, GSP, Repina 3, USSR.
Between 1981-1984 INSPEC coverage from English translation

Metallography (USA)
Metallography Elsevier North-Holland Inc., 52 Vanderbilt Avenue, New York, NY 10017, USA.

Metalloved. & Term. Obrab. Met. (USSR)
Metallovedenie i Termicheskaya Obrabotka Metallov [English translation in: *Met. Sci. & Heat Treat. (USA)*] Moskva, GSP-110, Prospekt Mira 106, USSR.
INSPEC coverage is from English translation

Metalwork. Prod. (GB)
Metalworking Production Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, Calderwood Street, London SE18 6QH, England.

Meteoritics (USA)
Meteoritics Published jointly by The Meteoritical Society and Arizona State University Bureau of Publications, USA.

Meteorol. & Atmos. Phys. (Austria)
Meteorology and Atmospheric Physics [Formerly: *Arch. Meteorol. Geophys. & Bioclimatol. Ser. A (Austria)*] Springer-Verlag, Molkerbastei 5, P.O.Box 367, A-1011 Wien, Austria.

Meteorol. & Gidrol. (USSR)
Meteorologiya i Gidrologiya [English translation in: *Sov. Meteorol. & Hydrol. (USA)*] 123376 Moskva, D-376, Bol'shevistskaya Ul., D.13 Komn. 114, USSR.
INSPEC coverage is from English translation

Meteorol. Mag. (GB)
Meteorological Magazine Director General Meteorological Office, London Road, Bracknell, Berks RG12 2SZ, England.

Meteorol. Rundsch. (Germany)
Meteorologische Rundschau Gebr. Borntraeger, D-7000 Stuttgart 1, Johannestrasse 3A, Germany.

Meteoros (GB)
Meteoros British Meteor Society, c/o R.A. Mackenzie, 26 Adrian Street, Dover, Kent CT17 9AT, England.

Methods Inf. Med. (Germany)
Methods of Information in Medicine F.K. Schattauer Verlag GmbH, 7 Stuttgart 1, Postfach 2945, Lenzhalde 3, Germany.

Methods Oper. Res. (Germany)
Methods of Operations Research Verlagsgruppe Athenaum/Hain/Scriptor/Hanstein, Postfach 1220, 6240 Konigstein/Ts, Germany.

Metrika (Austria)
Metrika Physica-Verlag Rudolf Liebing K.G., A-1010 Wien, Seilerstatte 18 (Hofels), Austria.

Metrol. Apl. (Rumania)
Metrologia Aplicata Editorial address: Institutul National de Metrologie, Sos. Vitan-Birzesti Nr 11, Sector 4, Bucuresti 75669, Rumania.

Metrologia (Germany)
Metrologia Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33, Germany.

Micro (Germany)
Micro Bertelsmann Fachzeitschriften GmbH, Postfach 80 03 45, 8000 Munchen 80, Germany.

Micro Comput. Colleg (Germany)
Micro Computer Colleg Bertelsmann Fachzeitschriften GmbH, Neumarkter Strasse 18, 8000 Munchen 80, Germany.

Micro Cornucopia (USA)
Micro Cornucopia P.O.Box 223, Bend, OR 97709, USA.

Micro Decis. (GB)
Micro Decision VNU Business Publications, VNU House, 32-34 Broadwick Street, London W1A 2HG, England.

Micro News (Ireland)
Micro News [Formerly: *Micro News & Mark. (Ireland)*] Leisure Publications Ltd., 'Computer House', 66 Patrick Street, Dun Loaghaire, Co. Dublin, Ireland.

Micro News & Mark. (Ireland)
Micro News & Market [Title changed to: *Micro News (Ireland)*]

Micro Syst. (France)
Micro Systemes Societe Parisienne d'Edition, 2 a 12 rue de Bellevue, 75940 Paris Cedex 19, France.

Micro User (GB)
Micro User Database Publications, Europa House, 68 Chester Road, Hazel Grove, Stockport SK7 5NY, England.

Microcomput. Appl. (USA)
Microcomputer Applications ACTA Press, P.O.Box 2481, Anaheim, CA 92804, USA.

Microcomput. Inf. Manage. (USA)
Microcomputers for Information Management Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648, USA.

Microcomput. Rev. (USA)
Microcomputer Review GML Corp., 594 Marrett Road, Lexington, MA 02173, USA.

Microelectron. & Reliab. (GB)
Microelectronics and Reliability Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 OBW, England.

Microelectron. Eng. (Netherlands)
Microelectronic Engineering Elsevier Science Publishers B.V. (North-Holland), P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Microelectron. J. (GB)
Microelectronics Journal Mackintosh Publications Ltd., Mackintosh House, Napier Road, Luton, Beds. LU1 1RG, England.

Microform Rev. (USA)
Microform Review Microform Review Inc., 520 Riverside Avenue, P.O. Box 405, Saugatuck Station, Westport, CT 06880, USA.

Micron & Microsc. Acta (GB)
Micron and Microscopica Acta Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.
Formed by merger of Micron and Microscopica Acta

Microprocess. & Microprogram. (Netherlands)
Microprocessing & Microprogramming North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Microprocess. & Microsyst. (GB)
Microprocessors and Microsystems Butterworth Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

Microprocess. Software Q. (GB)
Microprocessor Software Quarterly South West Universities Regional Computer Centre, University of Bath, Claverton Down, Bath BA2 7AY, England.

Microprocess. Work (Switzerland)
Microprocessors at Work Elsevier Sequoia S.A., P.O. Box 851, CH-1001 Lausanne 1, Switzerland.

Microscope (USA)
Microscope Microscope Publications Ltd., 2508 South Michigan Avenue, Chicago, IL 60616, USA.

Microsoftware Eng. (GB)
Microsoftware for Engineers Computational Mechanics International, 52 Henstead Road, Southampton SO1 2DD, England.

Microtecnic (Switzerland)
Microtecnic Agifa Verlag AG, Universitatstrasse 94, Postfach 257, CH-8033 Zurich, Switzerland.

Microwave J. (USA)
Microwave Journal 610 Washington Street, Dedham Plaza, Dedham, MA 02026, USA.

Microwaves & RF (USA)
Microwaves & RF Hayden Publishing Co., Inc., 50 Essex Street, Rochelle Park, NJ 07662, USA.

Middle East Comput. (GB)
Middle East Computing Times House, Throwley Way, Sutton, Surrey SM1 4AF, England.

Middle East Electr. (GB)
Middle East Electricity Reed Business Publishing Developments, Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, England.

Middle East Electron. (GB)
Middle East Electronics IPC Middle East Publishing Co. Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, England.

Mikro- & Kleincomput. (Switzerland)
Mikro- und Kleincomputer Informa Verlag AG, Postfach 1401, CH-6000 Luzern 15, Switzerland.

Mikrocomput. Z. (Germany)
Mikrocomputer Zeitschrift Franzis-Verlag GmbH, Karlstrasse 37, 8000 Munchen 2, Germany.

Mikrodok (Germany)
Mikrodok FBO-Fachverlag fur Buro- und Organisationstechnik GmbH, Postfach 3 16, Hermannstrasse 2, D-7570 Baden-Baden, Germany.

Mikroelektronika (USSR)
Mikroelektronika [English translation in: *Sov. Microelectron. (USA)*] Akademiya Nauk SSSR, Moskva, USSR.
INSPEC coverage is from English translation

Mikrowellen Mag. (Germany)
Mikrowellen Magazin Sprechsaal-Verlag, P.O. Box 401, D-8630 Coburg, Germany.

Mil. Electron./Countermeas. (USA)
Military Electronics/Countermeasures Hamilton Burr Publishing Co., 2065 Martin Avenue, Suite 104, Santa Clara, CA 95050, USA.

Min. Technol. (GB)
Mining Technology Institution of Mining Electrical and Mining Mechanical Engineers, 25 Cross Street, Manchester M2 1WL, England.

Mind Your Own Bus. (GB)
Mind Your Own Business Cairnmark Ltd., The Workhouse, 106 Church Road, London SE19 2UB, England.

Mini-Micro Software (GB)
Mini-Micro Software A.P. Publications Ltd., 5th Floor, 361 City Road, London EC1V 1LY, England.

Mini-Micro Syst. (China)
Mini-Micro Systems Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, People's Republic of China.

Mini-Micro Syst. (USA)
Mini-Micro Systems Cahners Publishing Co., 221 Columbus Avenue, Boston, MA 02116, USA.

Minicomput. News (GB)
Minicomputer News Compass Press Ltd., Cromwell House, 20 Bride Lane, London EC4, England.

Minor Planet Circ. (USA)
Minor Planet Circulars/Minor Planets and Comets Minor Planet Center, Smithsonion Astrophysical Observatory, Cambridge, MA 02138, USA.

Mitsubishi Denki Giho (Japan)
Mitsubishi Denki Giho Mitsubishi Electric Corp., Mitsubishi Denki Building, Marunouchi, Tokyo 100, Japan.

Mitsubishi Denki Lab. Rep. (Japan)
Mitsubishi Denki Laboratory Reports Research Laboratory, Mitsubishi Electric Manufacturing Company, Amagasaki, Japan.
Publication temporarily suspended

Mitsubishi Electr. Adv. (Japan)
Mitsubishi Electric Advance Mitsubishi Electric Corp., Mitsubishi Denki Building, Marunouchi, Tokyo 100, Japan.

Mitsubishi Tech. Bull. (Japan)
Mitsubishi Technical Bulletin Mitsubishi Heavy Industries Ltd., 2-5-1 Marunouchi, Chiyoda-ku, Tokyo 100, Japan.

Mitsui Zosen Tech. Rev. (Japan)
Mitsui Zosen Technical Review Mitsui Engineering & Shipbuilding Co. Ltd., 6-4, Tsukiji 5-chome, Chuo-ku, Tokyo, Japan.

Mitt. AGEN (Switzerland)
Mitteilungen der Arbeitsgemeinschaft fur Elektrische Nachrichtentechnik der Stiftung Hasler-Werke, Bern Geschaftsstelle der AGEN Institut fur Technische Physik, ETH-Aussenstation, Honggerberg Postfach, 8049 Zurich, Switzerland.

Mitt. Astron. Ges. (Germany)
Mitteilungen der Astronomischen Gesellschaft Astronomische Gesellschaft, Neckarstrasse 47, 7000 Stuttgart 1, Germany.

Mod. Geol. (GB)
Modern Geology Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Mod. Mach. Shop (USA)
Modern Machine Shop Gardner Publications Inc., 600 Main Street, Cincinnati, OH 45202, USA.

Mod. Mater. Handl. (USA)
Modern Materials Handling Cahners Publishing Co., 221 Columbus Avenue, Boston, MA 02116, USA.

Mod. Off. (Australia)
Modern Office Rydge Publications Pty. Ltd., 72 Clarence Street, Sydney, NSW 2000, Australia.

Mod. Off. Technol. (USA)
Modern Office Technology Penton/IPC Inc., 1111 Chester Avenue, Cleveland, OH 44114, USA.

Mod. Power Syst. (USA)
Modern Power Systems Miller Freeman Publications, 500 Howard Street, San Francisco, CA 94105, USA.

Modeling, Identification & Control (Norway)
Modeling, Identification and Control Royal Norwegian Council for Scientific and Industrial Research, Division of Engineering Cybernetics, NTH, N-7034 Trondheim, Norway.

Modelling Simulation & Control A (France)
Modelling, Simulation & Control A AMSE Press, 16 Avenue de Grange Blanche, 69160 Tassin-la-Demi-Lune, France.

Modelling Simulation & Control C (France)
Modelling, Simulation & Control C AMSE Press, 16 Avenue de Grange Blanche, 69160 Tassin-la-Demi-Lune, France.

Mol. Cryst. & Liq. Cryst. (GB)
Molecular Crystals and Liquid Crystals Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Mol. Cryst. & Liq. Cryst. Lett. Sect. (GB)
Molecular Crystals and Liquid Crystals Letters Section Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2N 9PP, England.

Mol. Cryst. & Liq. Cryst. Suppl. Ser. (GB)
Molecular Crystals and Liquid Crystals Supplement Series Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Mol. Phys. (GB)
Molecular Physics Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, England.

Mon. Not. R. Astron. Soc. (GB)
Monthly Notices of the Royal Astronomical Society Burlington House, London, W1V ONL, England.

Mon. Notes Astron. Soc. South Afr. (S. Africa)
Monthly Notes of the Astronomical Society of Southern Africa South African Astronomical Observatory, P.O. Box 9. Observatory, Cape, South Africa.

Mon. Weather Rev. (USA)
Monthly Weather Review American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA.

Monitor (Australia)
Monitor Institution of Radio & Electronics Engineers Australia, Science Centre, 35-43 Clarence Street, Sydney, NSW 2000, Australia.

Monitor (GB)
Monitor Learned Information (Europe) Ltd., Woodside, Hinksey Hill, Oxford OX1 5AU, England.

Moscow Univ. Comput. Math. & Cybern. (USA)
Moscow University Computational Mathematics and Cybernetics [Translation of: *Vestn. Mosk. Univ. Ser. 15 (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Moscow Univ. Phys. Bull. (USA)
Moscow University Physics Bulletin [Translation of: *Vestn. Mosk. Univ. Ser. 3 (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Mot. Ship (GB)
Motor Ship IPC Business Press Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, England.

Motorola Tech. Dev. (USA)
Motorola Technical Developments Motorola Inc., Motorola Center, 1303 East Algonquin Road, Schaumburg, IL 60196, USA.

Motorola Tech. Disclosure Bull. (USA)
Motorola Technical Disclosure Bulletin Schaumburg, IL 60196, USA.

MSN Microwave Syst. News (USA)
MSN Microwave Systems News [Title changed to: *MSN Microwave Syst. News & Commun. Technol. (USA)*]

MSN Microwave Syst. News & Commun. Technol. (USA)
MSN Microwave Systems News & Communications Technology [Formerly: *MSN Microwave Syst. News (USA)*] EW Communications Inc., 1170 East Meadow Drive, Palo Alto, CA 94303, USA.

MSR (Mess. Steuern Regeln) (Germany)
MSR (Messen Steuern Regeln) VEB Verlag Technik, DDR 102 Berlin, Oranienburger Strasse 13/14, Germany.

Multilingua (Netherlands)
Multilingua Mouton Publishers, Amsteldijk 166, 1079 LH Amsterdam, Netherlands.

Mundo Electron. (Spain)
Mundo Electronico Boixareau Editores, S.A., Gran Via de les Corts Catalanes 594, 2 Barcelona 7, Spain.

Music Technol. (GB)
Music Technology [Formerly: *Electron. & Music Maker (GB)*] Music Technology Ltd., Alexander House, 1 Milton Road, Cambridge CB4 1UY, England.

Nachr. Dok. (Germany)
Nachrichten fur Dokumentation Deutsche Gesellschaft fur Dokumentation, 6000 Frankfurt am Main, Westendstrasse 19, Germany.

Nachrichtentech. Elektron. (Germany)
Nachrichtentechnik Elektronik VEB Verlag Technik, DDR 1020 Berlin, Oranienburger Strasse 13/14, Germany.

Nachrichtentech. Z. (NTZ) (Germany)
Nachrichtentechnische Zeitschrift VDE-Verlag GmbH, Bismarckstrasse 33, 1000 Berlin 12, Germany.

Nat. Resour. Forum (GB)
Natural Resources Forum Graham & Trotman Ltd., Sterling House, 66 Wilton Road, London SW1V 1DE, England.

Natl. Acad. Sci. Lett. (India)
National Academy Science Letters National Academy of Sciences, India, 5-Lajpat Rai Road, Allahabad 21 10 02, India.

Natl. Contract Manage. J. (USA)
National Contract Management Journal National Contract Management Association, 6728 Old McLean Village Drive, McLean, VA 22101, USA.

Natl. Electron. Rev. (GB)
National Electronics Review National Electronics Council, Abell House, John Islip Street, London, SW1P 4LN, England.

Natl. Tech. Rep. (Japan)
National Technical Report Matsushita Electric Ind. Co. Ltd., Moriguchi, Osaka, Japan.

Natl. Water Cond. (USA)
National Water Conditions United States Department of the Inerior, Geological Survey, National Center, Stop 419, Reston, VA 22092, USA.

Nature (GB)
Nature Macmillan Journals Ltd., 4 Little Essex Street, London WC2R 3LF, England.
Incorporates Nature (Physical Science)

Naturwissenschaften (Germany)
Die Naturwissenschaften Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33, Germany.

Nauchno-Tekh. Inf. Ser. 1 (USSR)
Nauchno-Tekhnicheskaya Informatsiya, Seriya 1 [English translation of selected articles in: *Sci. & Tech. Inf. Process. (USA)*] Baltiiskaya ul., D 14, 125219 Moskva, USSR.

Nauchno-Tekh. Inf. Ser. 2 (USSR)
Nauchno-Tekhnicheskaya Informatsiya, Seriya 2 [English translation of selected articles in: *Autom. Doc. & Math. Linguist. (USA)*] Baltiiskaya ul., D 14, 125219 Moskva, USSR.

Nauk. & Inf. (USSR)
Naukovedenie i Informatika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR.

Nav. Res. Logist. Q. (USA)
Naval Research Logistics Quarterly John Wiley & Sons, 605 Third Avenue, New York, NY 10158, USA.

Nav. Res. Rev. (USA)
Naval Research Reviews Department of the Navy, Office of Naval Research, Arlington, VA 22217, USA.

Navigation (France)
Navigation Institut Francaise de Navigation, 3 avenue Octave-Greard, 75340 Paris Cedex 07, France.

Navigation (Japan)
Navigation Japan Institute of Navigation, c/o Tokyo University of Mercantile Marine, 1-6, Etchujima 2, Koto-ku, Tokyo 135, Japan.

Navigation (USA)
Navigation. Journal of the Institute of Navigation Institute of Navigation, Suite 832, 815 15th Street, N.W., Washington, DC 20005, USA.

NDT Int. (GB)
NDT International Butterworth Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

NEC Res. & Dev. (Japan)
NEC Research and Development Nippon Electric Co. Ltd., 33-1, Shiba 5-chome, Minato-ku, Tokyo 108, Japan.

NEC Tech. J. (Japan)
NEC Technical Journal Nippon Electric Co. Ltd., 5-33-1 Shiba, Minato-ku, Tokyo 108, Japan.

Ned. Tijdschr. Natuurkd. A (Netherlands)
Nederlands Tijdschrift voor Natuurkunde A Nederlandse Natuurkundige Vereniging, Princetonplein 5, 3508 TA Utrecht, Netherlands.

NET Nachr. Elektron. + Telematik (Germany)
NET Nachrichten Elektronik + Telematik R. v. Decker's Verlag, G. Schenk GmbH, Postfach 102 640, Im Weiher 10, 6900 Heidelberg 1, Germany.

Netlink (GB)
Netlink Aslib, Association for Information Management, Information House, 26-27 Boswell Street, London WC1N 3JZ, England.

Netsu Sokutei (Japan)
Netsu Sokutei (Calorimetry and Thermal Analysis) Society of Calorimetry and Thermal Analysis, Japan, Daiichi Kanamori Building, 1-5-31 Yushima, Bunkyo-ku, Tokyo 113, Japan.

Network (GB)
Network [Formerly: *Network (Mini Micro & Commun. Manage.) (GB)*] VNU Business Publications, VNU House, 32-34 Broadwick Street, London W1E 6QZ, England.

Network (GB)
Network [Title changed to: *Network User (GB)*]

Network (Mini Micro & Commun. Manage.) (GB)
Network (Mini Micro and Communications Management) [Title changed to: *Network (GB)*]

Networks (USA)
Networks John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

Neue Tech. (Switzerland)
Neue Technik Diagonal Verlags AG, Zuricherstrasse 63, 5400 Baden, Switzerland.

Neue Tech. Buero (Germany)
Neue Technik im Buro (Journal of Information Processing) VEB Kombinat Robotron, DDR-8012 Dresden, Grunaer Strasse 2, Germany.

New Electron. (GB)
New Electronics 100 Avenue Road, Swiss Cottage, London NW3 3TP, England.

New Generation Comput. (Japan)
New Generation Computing Ohmsha Ltd., 1-3 Kanda Nishiki-cho, Chiyoda-ku, Tokyo 101, Japan.

New Phys. (Korean Phys. Soc.)
New Physics (Korean Physical Society) Korea Institute for Industrial Economics & Technology, P.O.Box 205, Chungryang, Seoul, Korea.

New Sci. (GB)
New Scientist New Science Publications, Commonwealth House, 1-19 New Oxford Street, London WC1A 1NG, England.
Incorporates Science Journal

New Technol. (GB)
New Technology Engineering Today Ltd., 55-57 Great Marlborough Street, London W1V 1DD, England.

News Rohde & Schwarz (Germany)
News from Rohde and Schwarz Rohde and Schwarz, Muhldorfstrasse 15, Postfach 801469, 8000 Munchen 80, Germany.

Newsl. NEA Data Bank (France)
Newsletter of the NEA Data Bank Nuclear Energy Agency, NEA Data Bank, B.P. No. 9 (Bat. 45), F-91190 Gif sur Yvette, France.

NHK Lab. Note (Japan)
NHK Laboratories Note Nippon Hoso Kyokai, 1-10-11 Kinuta, Setagaya-ku, Tokyo, Japan.

NHK Tech. J. (Japan)
NHK Technical Journal NHK Technical Research Laboratories, Broadcasting Science Research Laboratories, 1-10-11 Kinuta, Setagaya-ku, Tokyo, Japan.

NHK Tech. Monogr. (Japan)
NHK Technical Monograph Nippon Hoso Kyokai (Japan Broadcasting Corporation), 361 Kinuta-machi, Setagaya-ku, Tokyo, Japan.

Nibble (USA)
Nibble MicroSPARC Inc., 45 Winthrop Street, Concord, MA 01742, USA.

Nikkei Electron. (Japan)
Nikkei Electronics McGraw-Hill Inc., 2-1-2 Uchi-Kanda, Chiyoda-ku, Tokyo,, Japan.

Nippon Kokan Tech. Rep. (Japan)
Nippon Kokan Technical Report Nippon Kokan K.K., 1-1-2 Marunouchi, Chiyoda-ku, Tokyo 100, Japan.

Nippon Kokan Tech. Rep. Overseas (Japan)
Nippon Kokan Technical Report, Overseas Nippon Kokan K.K., 1-2, 1-chome, Marunouchi, Chiyoda-ku, Tokyo 100, Japan.

Noise & Vib. Control Worldwide (GB)
Noise & Vibration Control Worldwide Trade & Technical Press Ltd., Crown House, Morden, Surrey SM4 5EW, England.

Noise Control Eng. J. (USA)
Noise Control Engineering Journal Institute of Noise Control Engineering, P.O.Box 3206 Arlington Branch, Poughkeepsie, NY 12603, USA.

Nondestr. Test. Commun. (GB)
Nondestructive Testing Communications Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Nonlinear Anal. Theory, Methods & Appl. (GB)
Nonlinear Analysis Theory, Methods & Applications Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Nonlinear Vibr. Probl. (Poland)
Nonlinear Vibration Problems (Zagadnienia Drgan Nieliniowych) Editorial address: 00-049 Warszawa, Swietokrzyska 21, Poland.

Nord. Datanytt Data (Denmark)
Nordisk Datanytt med Data Box 113, 1004 Kobenhavn K, Denmark.

Not. Ist. Autom. Univ. Roma (Italy)
Notiziario dell'Istituto di Automatica dell'Universita di Roma Universita Degli Studi, Citta Universitaria, 00100 Rome, Italy.

Note Recens. & Not. (Italy)
Note Recensioni e Notizie Istituto Superiore Poste e Telecomunicazioni, Viale Europa 160, 00100 Roma, Italy.

Notre Dame J. Formal Logic (USA)
Notre Dame Journal of Formal Logic University of Notre Dame, P.O. Box 5, Notre Dame, IN 46556, USA.

Nouv. J. Chim. (France)
Nouveau Journal de Chimie CDR Centrale des Revues, 70 rue de Saint-Mande, B.P. No. 119, 93104 Montreuil Cedex, France.

NPL News (GB)
NPL News National Physical Laboratory, Teddington, Middx. TW11 0LW, England.

NTG-Fachber. (Germany)
NTG-Fachberichte VDE-Verlag GmbH, 1000 Berlin 12, Bismarckstrasse 33, Germany.

NTZ Arch. (Germany)
NTZ Archiv VDE-Verlag GmbH, Bismarckstrasse 33, D-1000 Berlin 12, Germany.

Nucl. & Chem. Waste Manage. (GB)
Nuclear and Chemical Waste Management Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Nucl. Active (S. Africa)
Nuclear Active Atomic Energy Corporation of South Africa Ltd., P.O.Box 78687, Sandton 2146, Transvaal, South Africa.

Nucl. Data Sheets (USA)
Nuclear Data Sheets Academic Press Inc., 1 East First Street, Duluth, MN 55802, USA.

Nucl. Energy (GB)
Nuclear Energy British Nuclear Energy Society, 1-7 Great George Street, London SW1P 3AA, England.

Nucl. Eng. (GB)
Nuclear Engineer Institution of Nuclear Engineers, 1 Penerley Road, London SE6 2LQ, England.

Nucl. Eng. & Des. (Netherlands)
Nuclear Engineering and Design North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Nucl. Eng. & Des./Fusion (Netherlands)
Nuclear Engineering and Design/Fusion North-Holland Physics Publishing, P.O.Box 103, 1000 AC Amsterdam, Netherlands.

Nucl. Eng. Int. (GB)
Nuclear Engineering International Business Press International Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, England.

Nucl. Eur. (Switzerland)
Nuclear Europe P.O.Box 2613, CH-3001 Berne, Switzerland.

Nucl. Fusion (Austria)
Nuclear Fusion (Fusion Nucleaire - Yadernyi Sintex -Fusion Nuclear) Journal of Plasma Physics and Thermonuclear Fusion International Atomic Energy Agency, Wagramerstrasse 5, P.O.Box 100, A-1400 Vienna, Austria.

Nucl. Fusion & Plasma Phys. (China)
Nuclear Fusion and Plasma Physics Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, People's Republic of China.

Nucl. Fusion Suppl. (Austria)
Nuclear Fusion Supplement [Issued with: *Nucl. Fusion (Austria)*]

Nucl. Instrum. & Methods Phys. Res. Sect. A (Netherlands)
Nuclear Instruments & Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) North-Holland Physics Publishing, P.O.Box 103, 1000 AC Amsterdam, Netherlands.
Supersedes in part: Nuclear Instruments & Methods in Physics Research

Nucl. Instrum. & Methods Phys. Res. Sect. B (Netherlands)
Nuclear Instruments & Methods in Physics Research, Section B (Beam Interactions with Materials and Atoms) North-Holland Physics Publishing, P.O.Box 103, 1000 AC Amsterdam, Netherlands.
Supersedes in part: Nuclear Instruments & Methods in Physics Research

Nucl. Mater. Manage. (USA)
Nuclear Materials Management Institute of Nuclear Materials Management Inc., 8600 West Bryn Mawr Avenue, Chicago, IL 60631, USA.

Nucl. Phys. A (Netherlands)
Nuclear Physics A North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Nucl. Phys. B, Field Theory & Stat. Syst. (Netherlands)
Nuclear Physics B, Field Theory and Statistical Systems [Issued with: *Nucl. Phys. B, Part. Phys. (Netherlands)*]

Nucl. Phys. B, Part. Phys. (Netherlands)
Nuclear Physics B, Particle Physics North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Nucl. Saf. (USA)
Nuclear Safety Oak Ridge National Laboratory, P.O.Box Y, Oak Ridge, TN 37830, USA.

Nucl. Sci. & Eng. (USA)
Nuclear Science and Engineering American Nuclear Society, 555 North Kensington Avenue, La Grange Park, IL 60525, USA.

Nucl. Sci. Appl. Sect. A (Switzerland)
Nuclear Science Applications, Section A Harwood Academic Publishers GmbH, Poststrasse 22, CH-7000 Chur, Switzerland.

Nucl. Sci. Appl. Sect. B (Switzerland)
Nuclear Science Applications, Section B Harwood Academic Publishers GmbH, Poststrasse 22, CH-7000 Chur, Switzerland.

Nucl. Sci. J. (Taiwan)
Nuclear Science Journal Atomic Energy Council, Republic of China, 67 Lane 144, Keelung Road Sec. 4, Taipei, Taiwan 107, Taiwan.

Nucl. Spectrum (Australia)
Nuclear Spectrum Australian Atomic Energy Commission. Editorial address: AAEC Research Establishment, Private Mail Bag, Sutherland, 2232 NSW, Australia.

Nucl. Tech. (China)
Nuclear Techniques Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, People's Republic of China.

Nucl. Technol. (USA)
Nuclear Technology American Nuclear Society, 555 North Kensington Avenue, La Grange Park, IL 60525, USA.

Nucl. Tracks & Radiat. Meas. (GB)
Nuclear Tracks and Radiation Measurements Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England.

Nucleus (Pakistan)
Nucleus Pakistan Atomic Energy Commission, P.O. Box 3112, Karachi-29, Pakistan.

Nukl. Tehnol. (Yugoslavia)
Nuklearna Tehnologija Institut za Nuklearne Nauke, Boris Kidric, Vinca, 11001 Beograd, p.p. 522, Yugoslavia.

Nukleonika (Poland)
Nukleonika Polska Akademia Nauk, 00-901 Warszawa, Polac Kultury i Nauki, Poland.

Numer. Eng. (GB)
Numerical Engineering British Numerical Control Society, Rochester House, 66 Little Ealing Lane, London W5 4XX, England.

Numer. Funct. Anal. & Optimiz. (USA)
Numerical Functional Analysis and Optimization Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA.

Numer. Heat Transfer (USA)
Numerical Heat Transfer McGraw-Hill International Book Co., 1221 Avenue of the Americas, New York, NY 10020, USA.

Numer. Math. (Germany)
Numerische Mathematik Springer-Verlag, 1 Berlin 33, Heidelberger Platz 3, Germany.

Nuovo Cimento A (Italy)
Nuovo Cimento A Societa Italiana di Fisica, vialle XII Guigno 1, 40124 Bologna, Italy.

Nuovo Cimento B (Italy)
Nuovo Cimento B Societa Italiana di Fisica, vialle XII Guigno 1, 40124 Bologna, Italy.

Nuovo Cimento C (Italy)
Nuovo Cimento C Societa Italiana di Fisica, vialle XII Guigno 1, 40124 Bologna, Italy.

Nuovo Cimento D (Italy)
Nuovo Cimento D Societa Italiana di Fisica, viale XII Giugno 1, 40124 Bologna, Italy.

N.Z. Electron. Rev. (New Zealand)
New Zealand Electronics Review National Electronics Development Association (N.Z.) Inc., P.O.Box 9092, Wellington, New Zealand.

N.Z. Eng. (New Zealand)
New Zealand Engineering Institution of Professional Engineers New Zealand, P.O.Box 12241, Molesworth House, Molesworth Street, Wellington, New Zealand.

N.Z. J. Technol. (New Zealand)
New Zealand Journal of Technology Science Information Publishing Centre, Department of Scientific and Industrial Research, P.O.Box 9741, Wellington, New Zealand.

N.Z. Oper. Res. (New Zealand)
New Zealand Operational Research Operational Research Society of New Zealand (Inc.), P.O.Box 904, Wellington, New Zealand.

Observatory (GB)
Observatory Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex BN27 1RP, England.

Ocean Eng. (GB)
Ocean Engineering Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England.

Oceanol. & Limnol. Sin. (China)
Oceanologia et Limnologia Sinica Editorial address: Chinese Society of Oceanology and Limnology, 7 Nanhai Road, Qingdao, People's Republic of China.

Oceanol. Acta (France)
Oceanologica Acta Centrale des Revues Dunod-Gauthier-Villars, 70 rue de Saint-Mande, B.P. 119, 93104 Montreuil Cedex, France.

Oceanology (USA)
Oceanology [Translation of: *Okeanologiya (USSR)*] American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

OEGAI J. (Austria)
OGAI-Journal Osterreichische Gesellschaft fur Artificial Intelligence, c/o Department for Medical Cybernetics, University of Vienna, Freyung 6/2, A-1010 Vienna, Austria.

OEIAZ Oesterr. Ing.- & Archit.-Z. (Austria)
OIAZ Osterreichische Ingenieur- und Architekten-Zeitschrift Springer-Verlag, A-1011 Wien, Postfach 367, Molkerbastei 5, Austria.

Oelhydraul. & Pneum. (Germany)
Olhydraulik und Pneumatik Krauskopf-Verlag fur Wirtschaft GmbH, Lessingstrasse 12-14, Postfach 2760, 65 Mainz, Germany.

OEM Des. (GB)
OEM Design AGB Business Publications Ltd., Audti House, Field End Road, Eastcote, Ruislip, Middx. HA4 9LT, England.

OEP Off. Equip. & Prod. (Japan)
OEP Office Equipment & Products Dempa Publications Inc., 11-15, Higashi Gotanda 1-chome, Shinagawa-ku, Tokyo 141, Japan.

Oesterr. Z. Elektrizitaetswirtsch. (OEZE) (Austria)
Osterreichische Zeitschrift fur Elektrizitatswirtschaft Springer-Verlag, Molkerbastei 5, Postfach 357, A 1011 Wien, Austria.

Off. Adm. & Autom. (USA)
Office Administration and Automation [Title changed to: *Adm. Manage. (USA)*]

Off. Equip. & Methods (Canada)
Office Equipment and Methods Maclean Hunter Ltd., Maclean Hunter Building, 777 Bay Street, Toronto, M5W 1A7, Canada.

Off. Equip. Index (GB)
Office Equipment Index Maclaren Publishers Ltd., P.O.Box 109, Croydon CR9 1QH, England.

Off. Future Mag. (GB)
Office of the Future Magazine TV Choice Ltd., The Atelier, 27 Swinton Street, London WC1X 9NW, England.

Off. Mag. (GB)
Office Magazine Patey Doyle (Publishing) Ltd., Wilmington House, Church Hill, Wilmington, Dartford, Kent DA2 7EF, England.

Off. Manage. (Germany)
Office Management FBO GmbH, Postfach 3 16, Hermannstrasse 2, D-7570 Baden-Baden, Germany.

Off. Syst. Res. J. (USA)
Office Systems Research Journal Office Systems Research Association, University Center, Room 574, Cleveland State University, Cleveland, OH 44115, USA.

Off. Technol. & People (Netherlands)
Office: Technology and People Elsevier Science Publishers B.V., P.O.Box 330, 1000 AH Amsterdam, Netherlands.

Off. World News (USA)
Office World News Hearst Business Communications Inc., UTP Division, 645 Stewart Avenue, Garden City, NY 11530, USA.

Office (USA)
The Office Office Publications Inc., 1200 Summer Street, Stamford, CT 06904, USA.

Offset Print. & Reprogr. (GB)
Offset Printing and Reprographics Maclean Hunter Ltd., 30 Old Burlington Street, London W1, England.

Ogneupory (USSR)
Ogneupory [English translation in: *Refractories (USA)*] Moskva G-34, 2-i, Obl'denskii, rep. 14, USSR.
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Ohio CPA J. (USA)
Ohio CPA Journal Ohio Society of Certified Public Accountants, P.O.Box 306, 535 Metro Place South, Dublin, OH 43017-0306, USA.

Okeanologiya (USSR)
Okeanologiya [English translation in: *Oceanology (USA)*] 2 ya Tilografiya Iadatelvstva 'Nauka', Moskva, Shchybiiskii lep. 10, USSR.
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Oki Tech. Rev. (Japan)
Oki Technical Review Oki Electric Industry Co. Ltd., 17-1 Toranomon 1-chome, Minato-ku, Tokyo 105, Japan.

Omega (GB)
Omega Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England.

On Three (USA)
On Three P.O.Box 3825, Ventura, CA 93006, USA.

Onde Electr. (France)
L'Onde Electrique RGE SA, 48 rue de la Procession, 75724 Paris Cedex 15, France.

Online (Germany)
Online Verlagsgesellschaft Rudolf Muller GmbH, Stolberger Strasse 84, 5000 Koln 41, Germany.

Online (USA)
Online Online Inc., Department 1A, 11 Tannery Lane, Weston, CT 06883, USA.

OnLine Data Access (USA)
OnLine Data Access [Title changed to: *Access 86 (USA)*]

Online Rev. (GB)
Online Review Learned Information (Europe) Ltd., Woodside, Hinksey Hill, Oxford OX1 5BP, England.

Online Today (USA)
Online Today CompuServe Inc., 5000 Arlington Centre Boulevard, P.O.Box 20212, Columbus, OH 43220, USA.

Oper. Geogr. (Canada)
Operational Geographer (Geographie Appliquee) Canadian Association of Geographers-l'Association Canadienne des Geographes, Burnside Hall, McGill University, 805 Sherbrooke Street W., Montreal, Que. H3A 2K6, Canada.

Oper. Manage. Rev. (USA)
Operations Management Review University of Texas at Austin, Department of Management, Austin, TX 78712, USA.

Oper. Res. (USA)
Operations Research Operations Research Society of America, 428 East Preston Street, Baltimore, MD 21202, USA.

Oper. Res. Lett. (Netherlands)
Operations Research Letters North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Oper. Syst. Rev. (USA)
Operating Systems Review Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

Ophthalmic & Physiol. Opt. (GB)
Ophthalmic & Physiological Optics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Opsearch (India)
Opsearch Operational Research Society of India. Editorial address: Indian Statistical Institute, 7 SJS Sansanwal Marg, New Delhi - 110029, India.

Opt. & Laser Technol. (GB)
Optics and Laser Technology Butterworth Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

Opt. & Lasers Eng. (GB)
Optics and Lasers in Engineering Applied Science Publishers Ltd., Ripple Road, Barking, Essex, England.

Opt. & Quantum Electron. (GB)
Optical and Quantum Electronics Chapman and Hall, 11 New Fetter Lane, London, EC4P 4EE, England.

Opt. & Spectrosc. (USA)
Optics and Spectroscopy [Translation of: *Opt. & Spektrosk. (USSR)*] Published for the Optical Society of America by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Opt. & Spektrosk. (USSR)
Optika i Spektroskopiya [English translation in: *Opt. & Spectrosc. (USA)*] Akademiya Nauk SSSR, Leninskii Prosp. 14, Moskva, USSR.
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Opt. Acta (GB)
Optica Acta Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, England.

Opt. Appl. (Poland)
Optica Applicata Wroclaw Technical University Press, 50-370 Wroclaw, Wybreze Wyspianskiego 27, Poland.

Opt. Commun. (Netherlands)
Optics Communications North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Opt. Eng. (USA)
Optical Engineering Society of Photo-Optical Instrumentation Engineers, P.O. Box 10, 405 Fieldston Road, Bellingham, WA 98225, USA.

Opt. Inf. Syst. (USA)
Optical Information Systems [Formerly: *Videodisc & Opt. Disk (USA)*] Meckler Publishing, 11 Ferry Lane West, Westport, CT 06880, USA.

Opt. Lett. (USA)
Optics Letters Published for the Optical Society of America by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Opt.-Mekh. Prom.-st. (USSR)
Optiko-Mekhanicheskaya Promyshlennost [English translation in: *Sov. J. Opt. Technol. (USA)*] Vasilov Optical Research Institute, Kaluzhskoye Chausee 32, Moskva, USSR.
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Opt. Pura & Apl. (Spain)
Optica Pura y Aplicada Serrano 121, Madrid 6, Spain.

Optik (Germany)
Optik Wissenschaftliche Verlagsgesellschaft, D-7000 Stuttgart 1, Postfach 40, Germany.

Optimal Control Appl. & Methods (GB)
Optimal Control Applications & Methods John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, England.

Optimization (Germany)
Optimization Akademie-Verlag Berlin, DDR-1086 Berlin, Leipziger Strasse 3-4, Germany.

Optimum (Canada)
Optimum Bureau of Management Consulting, Department of Supply and Services, Journal Building, 365 Laurier Avenue West, Ottawa K1A 0S5, Canada.

Optoelectron. Instrum. & Data Process. (USA)
Optoelectronics, Instrumentation and Data Processing [Formerly: *Autom. Monit. & Meas. (GB)*; Translation of: *Avtometriya (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Optoelektron. & Poluprovodn. Tekh. (USSR)
Optoelektronika i Poluprovodnikovaya Tekhnika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR.

OR Spektrum (Germany)
OR Spektrum Springer-Verlag, 3 Heidelberger Platz, D-1000 Berlin 33, Germany.

Orbita (Cuba)
Orbita Comision Intercosmos, Academia de Ciencias de Cuba, La Habana 2, Cuba.

Origins of Life (Netherlands)
Origins of Life D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands.

ORSA/TIMS Bull. (USA)
ORSA/TIMS Bulletin Operations Research Society of America, 428 East Preston Street, Baltimore, MD 21202, USA.

Otbor & Peredacha Inf. (USSR)
Otbor i Peredacha Informatsii Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR.

Output (Switzerland)
Output Fachpresse Goldach Hudson & Co., CH-9403 Goldach, Switzerland.

Oxid. Met. (USA)
Oxidation of Metals Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA.

Oyo Buturi (Japan)
Oyo Buturi Japan Society of Applied Physics, Kunimatsu Building, 2-6, Kudan-Kita 1-chome, Chiyoda-ku, Tokyo 102, Japan.

Oyo Denki Kenkyusho Gijutsu Hokoku (Japan)
Oyo Denki Kenkyusho Gijutsu Hokoku (Applied Electrical Research Institute, Technical Reports) Hokkaido University, Hokkaido, Japan.

P & IM Rev. & APICS News (USA)
P & IM Review and APICS News T.D.A. Publications Inc., 2021 Coolidge Street, Hollywood, FL 33020-2427, USA.

PAGE (GB)
PAGE Editorial address: Dominic Boreham, 42 Campion Walk, Beaumont Leys, Leicester LE4 0PD, England.

Pak. J. Sci. (Pakistan)
Pakistan Journal of Science Pakistan Association for the Advancement of Science, 6-B Gulberg II, Lahore 11, Pakistan.

Pak. J. Sci. Res. (Pakistan)
Pakistan Journal of Scientific Research Pakistan Association for the Advancement of Science, 6-B Gulberg II, Lahore 11, Pakistan.

Paleoceanography (USA)
Paleoceanography American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Parallel Comput. (Netherlands)
Parallel Computing Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Part. Accel. (GB)
Particle Accelerators Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Patricia Seybold's Off. Syst. Rep. (USA)
Patricia Seybold's Office Systems Report [Formerly: *Patty Seybold's Off. Syst. Rep. (USA)*] Patricia Seybold's Office Computing Group, 148 State Street, Suite 612, Boston, MA 02109, USA.

Pattern Recognition (GB)
Pattern Recognition Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Pattern Recognition Lett. (Netherlands)
Pattern Recognition Letters North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Patty Seybold's Off. Syst. Rep. (USA)
Patty Seybold's Office Systems Report [Title changed to: *Patricia Seybold's Off. Syst. Rep. (USA)*]

PC Bus. World (GB)
PC Business World CW Communications Ltd., 99 Gray's Inn Road, London WC1X 8UT, England.

PC: Indep. Guide IBM Pers. Comput. (UK Ed.) (GB)
PC: The Independent Guide to IBM Personal Computers (UK Edition) VNU Business Publications BV, 62 Oxford Street, London W1A 6HG, England.

PC Manage. (GB)
PC Management EMAP Business and Computer Publications Ltd., 67 Clerkenwell Road, London EC1R 5BH, England.

PC Perspect. Newsl. (USA)
PC Perspectives Newsletter Architecture Technology Corp., P.O.Box 24344, Minneapolis, MN 55424, USA.

PC Tech J. (USA)
PC Tech Journal Ziff-Davis Publishing Co., One Park Avenue, New York, NY 10016, USA.

PC User (GB)
PC User EMAP Business and Computer Publications, 57A Hatton Garden, London EC1N 8JD, England.

PC Week (UK Ed.) (GB)
PC Week (UK Edition) VNU Business Publications, VNU House, 32-34 Broadwick Street, London W1A 2HG, England.

PC Welt (Germany)
PC Welt CW-Publikationen Verlagsgesellschaft mbH, Friedrichstrasse 31, D-8000 Munchen 40, Germany.

PC World (USA)
PC World PC World Communications, 555 De Haro Street, San Francisco, CA 94107, USA.

PEM Process Eng. Mag. (Germany)
PEM Process Engineering Magazine Sprechsaal Verlag, P.O.Box 401, D-8630 Coburg, Germany.

Performance Eval. (Netherlands)
Performance Evaluation North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Performance Eval. Rev. (USA)
Performance Evaluation Review Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

Period. Math. Hung. (Hungary)
Periodica Mathematica Hungarica Akademiai Kiado, Alkotmany U 21, 1054 Budapest, Hungary.

Period. Polytech. Electr. Eng. (Hungary)
Periodica Polytechnica (Electrical Engineering Elektrotechnik) Kultura, H-1389 Budapest, P.O.B. 149, Hungary.

Peripheral News (GB)
Peripheral News U.R. Publications Ltd., Castle House, Bear Lane, Farnham, Surrey GU9 7LF, England.

Perkin-Elmer Tech. News (USA)
Perkin-Elmer Technical News Perkin-Elmer Corp., Danbury, CT 06810, USA.

Pers. Comput. (USA)
Personal Computing Benwill Publishing Corp., 1050 Commonwealth Avenue, Boston, MA 02215, USA.

Pers. Comput. Today (GB)
Personal Computing Today Argus Specialist Publications Ltd., 1 Golden Square, London W1R 3AB, England.

Pers. Comput. World (GB)
Personal Computer World 62 Oxford Street, London W1, England.

Pers. Manage. (GB)
Personnel Management Personnel Publications Ltd., 1 Hills Place, London W1R 1AG, England.

Pers. Robotics News (USA)
Personal Robotics News Kensington Publishing Co., 6300 Telegraph Avenue, Oakland, CA 94609, USA.

Perspect. Comput. (USA)
Perspectives in Computing International Business Machines Corp., Armonk, NY 10504, USA.

Phase Transitions (GB)
Phase Transitions Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Philips J. Res. (Netherlands)
Philips Journal of Research Philips Research Laboratories, Building WBP, Room No. 42, Eindhoven, Netherlands.

Philips Tech. Rev. (Netherlands)
Philips Technical Review Philips Research Laboratories Eindhoven, Nederlandse Philips Bedrijven B.V., P.O.Box 80.00, 5600 JA Eindhoven, Netherlands.

Philips Telecommun. Rev. (Netherlands)
Philips Telecommunication Review Philips' Telecommunicatie Industrie B.V., P.O. Box 82, Hilversum, Netherlands.

Philos. Mag. A (GB)
Philosophical Magazine A (Physics of Condensed Matter, Defects and Mechanical Properties) Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England.
Supersedes in part: Philosophical Magazine

Philos. Mag. B (GB)
Philosophical Magazine B (Physics of Condensed Matter, Electronic, Optical and Magnetic Properties) Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, England.
Supersedes in part: Philosophical Magazine

Philos. Sci. (USA)
Philosophy of Science Philosophy of Science Association, 18 Morrill Hall, Department of Philosophy, Michigan State University, East Lansing, MI 48823, USA.

Philos. Trans. R. Soc. London A (GB)
Philosophical Transactions of the Royal Society of London A (Mathematical and Physical Sciences) 6 Carlton House Terrace, London SW1Y 5AG, England.

Photobiochem. & Photobiophys. (Netherlands)
Photobiochemistry and Photobiophysics Elsevier/North-Holland Biomedical Press, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Photogr. Sci. & Eng. (USA)
Photographic Science and Engineering [Title changed to: *J. Imaging Sci. (USA)*]

Photogramm. Eng. & Remote Sensing (USA)
Photogrammetric Engineering and Remote Sensing American Society of Photogrammetry, 105 North Virginia Avenue, Falls Church, VA 22046, USA.

Photogramm. Rec. (GB)
Photogrammetic Record Photogrammetic Society. Editorial address: Department of Photogrammetry and Surveying, University College London, Gower Street, London WC1E 6BT, England.

Photogrammetria (Netherlands)
Photogrammetria Elsevier Science Publishers B.V., P.O.Box 330, 1000 AH Amsterdam, Netherlands.
Not covered between 1976 and 1983

Photonics Spectra (USA)
Photonics Spectra Optical Publishing Co. Inc., Berkshire Common, P.O.Box 1146, Pittsfield, MA 01202, USA.

Phys. & Chem. Glasses (GB)
Physics and Chemistry of Glasses (Section B of the Journal of the Society of Glass Technology) Society of Glass Technology, Thornton, Hallam Gate Road, Sheffield, S10 5BT, England.

Phys. & Chem. Liq. (GB)
Physics and Chemistry of Liquids Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Phys. & Chem. Mater. Treat. (GB)
Physics and Chemistry of Materials Treatment [Translation of: *Fiz. & Khim. Obrab. Mater. (USSR)*] V.E. Riecansky Technical Translations, 7 Meadow Walk, Great Abington, Cambridge CB1 6AZ, England.

Phys. & Chem. Miner. (Germany)
Physics and Chemistry of Minerals Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany.

Phys. Bl. (Germany)
Physikalische Blatter Physik-Verlag GmbH, D-6940 Weinheim/Bergstrasse, Pappelalle 3, PB 1260-80, Germany.

Phys. Bull. (GB)
Physics Bulletin Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England.

Phys. Chem. & Mech. Surf. (GB)
Physics, Chemistry and Mechanics of Surfaces [Translation of: *Poverkhn. Fiz. Khim. Mekh. (USSR)*] Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Phys. Daten (Germany)
Physik Daten (Physics Data) Fachinformationszentrum Energie Physik Mathematik GmbH Karlsruhe, 7514 Eggenstein-Leopoldshafen 2, Germany.

Phys. Earth & Planet. Inter. (Netherlands)
Physics of the Earth and Planetary Interiors Elsevier Scientific Publishing Co., P.O.Box 211, 1000 AM Amsterdam, Netherlands.

Phys. Educ. (GB)
Physics Education Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England.

Phys. Energ. Fortis & Phys. Nucl. (China)
Physica Energiae Fortis et Physica Nuclearis Science Press, Peking, People's Republic of China.

Phys. Fluids (USA)
Physics of Fluids American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Phys. Lett. A (Netherlands)
Physics Letters A North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Phys. Lett. B (Netherlands)
Physics Letters B North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Phys. Med. & Biol. (GB)
Physics in Medicine and Biology Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England.

Phys. Met. (GB)
Physics of Metals [Translation of: *Metallofizika, Kiev (USSR)*] Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Phys. Met. & Metallogr. (GB)
Physics of Metals and Metallography [Translation of: *Fiz. Met. & Metalloved. (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England.
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Phys. Rep. (Netherlands)
Physics Reports North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Phys. Rev. A (USA)
Physical Review A (General Physics) Published for the American Physical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.
Supersedes in part: Physical Review

Phys. Rev. B (USA)
Physical Review B (Condensed Matter) Published for the American Physical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Phys. Rev. C (USA)
Physical Review C (Nuclear Physics) Published for the American Physical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.
Supersedes in part: Physical Review

Phys. Rev. D (USA)
Physical Review D (Particles and Fields) Published for the American Physical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.
Supersedes in part: Physical Review

Phys. Rev. Lett. (USA)
Physical Review Letters Published for the American Physical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Phys. Scr. (Sweden)
Physica Scripta Royal Swedish Academy of Sciences, S-104 05 Stockholm 50, Sweden.

Phys. Status Solidi a (Germany)
Physica Status Solidi a Akademie-Verlag, DDR 108 Berlin, Leipziger Strasse 3-4, Germany.

Phys. Status Solidi b (Germany)
Physica Status Solidi b Akademie-Verlag, DDR 108 Berlin, Leipzigerstrasse 3-4, Germany.

Phys. Teach. (USA)
Physics Teacher American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Phys. Technol. (GB)
Physics in Technology Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England.

Phys. Today (USA)
Physics Today American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Physica A (Netherlands)
Physica A North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Physica B & C (Netherlands)
Physica B & C North-Holland Publishing Co., P.O.Box 103, 1000 AC Amsterdam, Netherlands.

Physica D (Netherlands)
Physica D North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Pis'ma v Astron. Zh. (USSR)
Pis'ma v Astronomicheskie Zhurnal [English translation in: *Sov. Astron. Lett. (USA)*] Agent: Mezhdunarodnaya Kniga, Moskva, USSR.

Pis'ma v Zh. Eksp. & Teor. Fiz. (USSR)
Pis'ma v Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki [English translation in: *JETP Lett. (USA)*] Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR.
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Pis'ma v Zh. Tekh. Fiz. (USSR)
Pis'ma v Zhurnal Tekhnicheskoi Fizika [English translation in: *Sov. Tech. Phys. Lett. (USA)*] Izdatel'stvo 'Nauka', Leningrad, USSR.
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Pixel. Comput. Graphics, CAD/CAM, Image Process. (Italy)
Pixel. Computer Graphics, CAD/CAM, Image Processing Editrice Il Rostro s.a.s., Via Monte Generoso 6/A, 20155 Milano, Italy.

Planet. & Space Sci. (GB)
Planetary and Space Science Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England.

Plant Eng. (GB)
Plant Engineer Institution of Plant Engineers, 138 Buckingham Palace Road, London, SW1W 9SG, England.

Plasma Chem. & Plasma Process. (USA)
Plasma Chemistry and Plasma Processing Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Plasma Phys. & Controlled Fusion (GB)
Plasma Physics and Controlled Fusion Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Plast. & Rubber Int. (GB)
Plastics and Rubber International Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL, England.

Plast. & Rubber Process. & Appl. (GB)
Plastics and Rubber Processing and Applications Published for the Plastics and Rubber Institute by Applied Science Publishers Ltd., Ripple Road, Barking, Essex, England.

Plaste & Kautsch. (Germany)
Plaste und Kautschuk VEB Deutscher Verlag fur Grundstoffindustrie, 7031 Leipzig, Karl-Heine-Strasse 27, Germany.

Plat. & Surf. Finish. (USA)
Plating and Surface Finishing American Electroplaters' Society Inc., 12644 Research Parkway, Orlando, FL 32826, USA.

Plus Pers. (USA)
Plus Personal [Issued with: *DEC Prof. (USA)*]

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Podstawy Sterowania (Poland)
Podstawy Sterowania Zaklad Systemow Automatyki Kompleksowej PAN, Gliwice, ul. Zwyciestwa 21, Poland.

Pol. Tech. Rev. (Poland)
Polish Technical Review 00-950 Warszawa, P.O.B. 1004, Poland.

Polar Res. (Norway)
Polar Research Universitetsforlaget, P.O.Box 2959 Toyen, Oslo 6, Norway.

Polyhedron (GB)
Polyhedron Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.
Formed by merger of Inorganic and Nuclear Chemistry Letters and Journal of Inorganic and Nuclear Chemistry

Polym. Bull. (Germany)
Polymer Bulletin Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33, Germany.

Polym. Commun. (GB)
Polymer Communications [Issued with: *Polymer (GB)*]

Polym. Compos. (USA)
Polymer Composites Society of Plastics Engineers Inc., 14 Fairfield Drive, Brookfield Center, CT 06805, USA.

Polym. Eng. & Sci. (USA)
Polymer Engineering and Science Society of Plastics Engineers Inc., 14 Fairfield Drive, Brookfield Center, CT 06805, USA.

Polym. Process Eng. (USA)
Polymer Process Engineering Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA.

Polym. Sci. USSR (GB)
Polymer Science U.S.S.R [Translation of: *Vysokomol. Soedin. Ser. A (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England.
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Polym. Test. (GB)
Polymer Testing Applied Science Publishers Ltd., Ripple Road, Barking, Essex, England.

Polymer (GB)
Polymer Butterworth Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

Polyscope Comput. + Elektron. (Switzerland)
Polyscope, Computer + Elektronik Verlag Binkert AG, Postfach 32, 4335 Laufenburg, Switzerland.

Pomiary Autom. Kontrola (Poland)
Pomiary Automatyka Kontrola Wydawnictwa Czasopism Technicznych NOT, 00-950 Warszawa, Skrytka 1004, ul. Swietokrzyska 14a, Poland.

Pop. Comput. (USA)
Popular Computing McGraw-Hill Inc., 70 Main Street, Peterborough, NH 03458, USA.

Poroshk. Metall. (USSR)
Poroshkovaya Metallurgiya [English translation in: *Sov. Powder Metall. & Met. Ceram. (USA)*] Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR.
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Port. Phys. (Portugal)
Portugaliae Physica Sociedade Portuguesa de Fisica, c/o Laboratorio de Fisica, Faculdade de Ciencias, Praca Gomes Teixeira, 4000 Porto, Portugal.

Portable 100/200/600 (USA)
Portable 100/200/600 Camden Communications Inc., P.O.Box 250, Highland Mill, Camden, ME 04843, USA.

Postepy Astron. (Poland)
Postepy Astronomii Export-Import Enterprise "Ruch", ul. Wilcza 46, P.O. Box 154, Warszawa, Poland.

Postepy Fiz. (Poland)
Postepy Fizyki Polskie Towarzystwo Fizykczne, 00-681 Warszawa, ul. Hoza 69, Poland.

Poverkhn. Fiz. Khim. Mekh. (USSR)
Poverkhnost'. Fizika, Khimiya, Mekhanika [English translation in: *Phys. Chem. & Mech. Surf. (GB)*] Izdatel'svto 'Nauka', 103717 GSP Moskva K-62, Podsosenskii Per. 21, USSR.
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Powder Metall. (GB)
Powder Metallurgy Metals Society, 1 Carlton House Terrace, London, SW1Y 5DB, England.

Powder Metall. Int. (Germany)
Powder Metallurgy International Verlag Schmidt GmbH, D-78 Freiburg, P.O. Box 1722, Germany.

Powder Technol. (Switzerland)
Powder Technology Elsevier Sequoia S.A., P.O. Box 851 1001 Lausanne 1, Switzerland.

Power (USA)
Power McGraw-Hill Inc., 1221 Avenue of the Americas, New York, NY 10020, USA.

Power Eng. (J. Acad. Sci. USSR) (USA)
Power Engineering - Journal of the Academy of Sciences of the USSR [Translation of: *Izv. Akad. Nauk SSSR Energ. & Transp.*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Power Eng. (USA)
Power Engineering Technical Publishing Co., 1301 South Grove Avenue, Barrington, IL 60010, USA.

Power Eng. J. (GB)
Power Engineering Journal Published by Peter Peregrinus Ltd. for the Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, England.

Power Int. (GB)
Power International [Formerly: *Hydraul. Pneum. Mech. Power (GB)*] Trade & Technical Press Ltd., Crown House, Morden, Surrey SM4 5EW, England.

Power Transm. Des. (USA)
Power Transmission Design Penton/IPC, 614 Superior Avenue West, Cleveland, OH 44113, USA.

Powerconvers. & Intell. Motion (USA)
Powerconversion & Intelligent Motion [Formerly: *PowerConvers. Int. (USA)*] Intertec Communications Inc., 2472 Eastman Avenue, Bldg. 34, Ventura, CA 93003, USA.

PowerConvers. Int. (USA)
PowerConversion International [Title changed to: *Powerconvers. & Intell. Motion (USA)*]

Pr. Inst. Elektrotech. (Poland)
Prace Instytutu Elektrotechniki Instytut Elektrotechniki, ul. Pozaryskiego 28, Warszawa-Miedzylesie, Poland.

Pr. Inst. Lacznosci (Poland)
Prace Instytutu Lacznosci Ul. Szachowa 1, Miedzeszyn, Warszawa, Poland.

Pr. Inst. Tele- & Radiotech. (Poland)
Prace Instytutu Tele- i Radiotechnicznego Ul. Ratuszowa 11, Warszawa, Poland.

Pr. Nauk. Inst. Cybern. Tech. Politech. Wroclaw. Ser. Konf. (Poland)
Prace Naukowe Instytutu Cybernetyki Technicznej Politechniki Wroclawskiej, Seria: Konferencje Wydawnictwo Politechniki Wroclawskiej, Wybreze Wyspianskiego 27, 50-370 Wroclaw, Poland.

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Prace Naukowe Instytutu Ukladow Elektromaszynowych Politechniki Wroclawskiej, Seria: Konferenje Wydnawnictwo Politechniki Wroclawskiej, Wybreze Wyspianskiego 27, 50-370 Wroclaw, Poland.

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Pr. Osrodka Badaw.-Rozwojowego Elektron. Prozniowej (Poland)
Prace Osrodka Badawczo-Rozwojowego Elektroniki Prozniowej Editorial address: 00-241 Warszawa, ul. Dluga 44/50, Poland.

Pr. Przem. Inst. Elektron. (Poland)
Prace Przemyslowego Instytutu Elektroniki Ul. Dluga 44/50, Warszawa, Poland.

Pr. Przem. Inst. Telekomun. (Poland)
Prace Przemyslowego Instytutu Telekomunikacji Editorial address: Skrytka Pacztowa Nr. 7, ul. Poligonowa 30, Warszawa 26, Poland.

Pract. Comput. (GB)
Practical Computing IPC Electrical-Electronic Press Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, England.

Pract. Electron. (GB)
Practical Electronics IPC Magazines Ltd., Oakfield House, Perrymount Road, Haywards Heath, West Sussex RH16 3DH, England.

Pract. Wireless (GB)
Practical Wireless PW Publishing Ltd., Enefco House, The Quay, Poole, Dorset BH15 1PP, England.

Prague Bull. Math. Linguist. (Czechoslovakia)
Prague Bulletin of Mathematical Linguistics Algebraic Linguistics, Faculty of Mathematics and Physics, Charles University, Malostranske 25, 118 00 Prague 1, Czechoslovakia.

Prakt. Metallogr. (Germany)
Praktische Metallographie (Practical Metallography) Dr. Riederer-Verlag GmbH, d-7000 Stuttgart 1, Johannesstrasse 60, Postfach 447, Germany.

Pramana (India)
Pramana Indian Academy of Sciences, Bangalore 560006, India.

Precambrian Res. (Netherlands)
Precambrian Research Elsevier Science Publishers B.V., P.O.Box 330, 1000 AH Amsterdam, Netherlands.

Prib. & Sist. Upr. (USSR)
Pribory i Sistemy Upravleniya [English translation in: *Sov. J. Instrum. & Control (GB)*] Moscow. IGSP-110, Prospekt Mira 106, Komn. 5, USSR.

Prib. & Tekh. Eksp. (USSR)
Pribory i Tekhnika Eksperimenta [English translation in: *Instrum. & Exp. Tech. (USA)*] Agent: Mezhdunarodnaya Kniga Moskva, USSR.
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Price Waterhouse Rev. (USA)
Price Waterhouse Review Price Waterhouse & Co., 1251 Avenue of the Americas, New York, NY 10020, USA.

Prikl. Mat. & Mekh. (USSR)
Prikladnaya Matematika i Mekhanika [English translation in: *Appl. Math. & Mech. (USA)*] Akademiya Nauk SSSR, Leninskii Prosp. 14, Moskva. Agent: Mezhdunarodnaya Kniga, Moskva, USSR.
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Prikl. Mekh. (USSR)
Prikladnaya Mekhanika [English translation in: *Sov. Appl. Mech. (USA)*] Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR.
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Printed Circuit Des. (USA)
Printed Circuit Design PMS Industries, 1790 Hembree Road, Alpharetta, GA 30201, USA.

Printed Circuit Fabr. (USA)
Printed Circuit Fabrication 1790 Hembree Road, Alpharetta, GA 30201, USA.

Priroda (USSR)
Priroda Izdatel'stvo 'Nauka', Moskva G-99, Shubinskii Per. 10, USSR.

Probl. Bioniki (USSR)
Problemy Bioniki Izdátel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR.

Probl. Control & Inf. Theory (Hungary)
Problems of Control and Information Theory Akademiai Kiado, Budapest 1363, P.O. Box 24, Hungary.

Probl. Inf. Transm. (USA)
Problems of Information Transmission [Translation of: *Probl. Peredachi Inf. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Probl. Kibern. (USSR)
Problemy Kibernetiki Izdatel'stvo 'Nauka', Moskva, v-71, Leninskii Prospekt 15, USSR.

Probl. Peredachi Inf. (USSR)
Problemy Peredachi Informatsii [English translation in: *Probl. Inf. Transm. (USA)*] Moskva. E-24, Aviamotoriaya 8, Korp. 2, USSR.
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Probl. Prochn. (USSR)
Problemy Prochnosti [English translation in: *Strength Mater. (USA)*] Editorial address: Academy of Sciences of the Ukrainian SSR, Kiev, USSR.
INSPEC coverage is from English translation

Probl. Tekh. Kibern. & Robotikata (Bulgaria)
Problemy na Tekhnicheskata Kibernetika i Robotikata Institute of Engineering Cybernetics and Robotics, 1113 Sofia, Acad. G. Bonchev Street, Bl. IV, Bulgaria.

Proc. (Tr.) P.N. Lebedev Phys. Inst. (USA)
Proceedings (Trudy) of the P.N. Lebedev Physics Institute [Translation of: *Tr. Ordena Lenina Fiz. Inst. P.N. Lebedeva (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA.

Proc. Astron. Soc. Aust. (Australia)
Proceedings of the Astronomical Society of Australia University Grounds, Sydney, N.S.W, Australia.

Proc. Br. Ceram. Soc. (GB)
Proceedings of the British Ceramic Society [Title changed to: *Br. Ceram. Proc. (GB)*]

Proc. Chin. Soc. Electr. Eng. (China)
Proceedings of the Chinese Society of Electrical Engineering Editorial address: Quinghe, Beijing, People's Republic of China.

Proc. Cosmic-Ray Res. Lab. Nagoya Univ. (Japan)
Proceedings of the Cosmic-Ray Research Laboratory of Nagoya University Cosmic Ray Research Laboratory and Department of Physics, Nagoya University, Chikusa-ku, Nagoya, Japan.

Proc. Egypt. Acad. Sci.
Proceedings of the Egyptian Academy of Sciences 'Dar el Hikma', 42 Qasr el Aini Street, Cairo, Egypt.

Proc. Fac. Eng. Tokai Univ. (Engl. Ed.) (Japan)
Proceedings of the Faculty of Engineering of Tokai University (English Edition) 2-28 Tomigays, Shibuya-ku, Tokyo 151, Japan.

Proc. IEEE (USA)
Proceedings of the IEEE Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

Proc. Indian Acad. Sci. Chem. Sci.
Proceedings of the Indian Academy of Sciences, Chemical Sciences Bangalore 560 080, India.
Supersedes in part: Proceedings of the Indian Academy of Sciences, Section A

Proc. Indian Acad. Sci. Earth & Planet. Sci.
Proceedings of the Indian Academy of Sciences, Earth and Planetary Sciences Bangalore 560 006, India.
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Proc. Indian Acad. Sci. Math. Sci.
Proceedings of the Indian Academy of Sciences, Mathematical Sciences Bangalore 560 080, India.
Supersedes in part: Proceedings of the Indian Academy of Sciences, Section A

Proc. Indian Natl. Sci. Acad. Part A
Proceedings of the Indian National Science Academy, Part A Bahadur Shah Zafar Marg, New Delhi 110 002, India.

Proc. Infrared Soc. Jpn. (Japan)
Proceedings of the Infrared Society of Japan Department of Electronics Engineering, Kyoto Institute of Technology, Matsugasaki, Sakyo-ku, Kyoto 606, Japan.

Proc. Inst. Mech. Eng. Part A (GB)
Proceedings of the Institution of Mechanical Engineers, Part A (Power and Process Engineering) Mechanical Engineering Publications Ltd., P.O.Box 24, Northgate Avenue, Bury St. Edmunds, Suffolk IP32 6BW, England.
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Supersedes in part: Proceedings of the Institution of Mechanical Engineers

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Proceedings of the Institution of Mechanical Engineers, Part C (Mechanical Engineering Science) Mechanical Engineering Publications Ltd., P.O.Box 24, Northgate Avenue, Bury St. Edmunds, Suffolk IP32 6BW, England.

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Proceedings of the Institution of Mechanical Engineers, Part D (Transport Engineering) Mechanical Engineering Publications Ltd., P.O.Box 24, Northgate Avenue, Bury St. Edmunds, Suffolk IP32 6BN, England.

Proc. Inst. Railw. Signal Eng. (GB)
Proceedings of the Institution of Railway Signal Engineers Room 534, British Transport Commission, 222 Marylebone Road, London, NW1, England.

Proc. Iowa Acad. Sci. (USA)
Proceedings of the Iowa Academy of Science University of Northern Iowa, Cedar Falls, IA 50613, USA.

Proc. Jpn. Acad. Ser. A (Japan)
Proceedings of the Japan Academy, Series A (Mathematical Sciences) Ueno Park, Tokyo 110, Japan.
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Proc. Jpn. Acad. Ser. B (Japan)
Proceedings of the Japan Academy, Series B (Physical and Biological Sciences) Ueno Park, Tokyo 110, Japan.
Supersedes in part: Proceedings of the Japan Academy

Proc. K. Ned. Akad. Wet. Ser. B (Netherlands)
Proceedings of the Koninklijke Nederlandse Akademie van Wetenschappen, Series B (Palaeontology, Geology, Physics, Chemistry, Anthropology) North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Proc. Leeds Philos. & Lit. Soc. (GB)
Proceedings of the Leeds Philosophical and Literary Society The University, Leeds, England.

Proc. Natl. Acad. Sci. India Sect. A
Proceedings of the National Academy of Sciences of India, Section A (Physical Sciences) 5 Lajpatrai Road, Allahabad-2, India.

Proc. Natl. Acad. Sci. USA
Proceedings of the National Academy of Sciences of the United States of America 2101 Constitution Avenue, Washington, DC 20418, USA.

Proc. Pak. Acad. Sci. (Pakistan)
Proceedings of the Pakistan Academy of Sciences Constitution Avenue, Islamabad, Pakistan.

Proc. R. Inst. GB
Proceedings of the Royal Institution of Great Britain 21 Albemarle Street, London W1, England.

Proc. R. Ir. Acad. Sect. A (Ireland)
Proceedings of the Royal Irish Academy, Section A (Mathematical, Astronomical and Physical Science) 19 Dawson Street, Dublin 2, Ireland.

Proc. R. Soc. Edinburgh Sect. A (GB)
Proceedings of the Royal Society of Edinburgh, Section A (Mathematics) 22 George Street, Edinburgh EH2 2PQ, Scotland.

Proc. R. Soc. London Ser. A (GB)
Proceedings of the Royal Society of London, Series A (Mathematical and Physical Sciences) 6 Carlton House Terrace, London SW1Y 5AG, England.

Proc. R. Soc. Victoria (Australia)
Proceedings of the Royal Society of Victoria Royal Society's Hall, 9 Victoria Street, Melbourne, 3000 Victoria, Australia.

Proc. Radio Club Am. (USA)
Proceedings of the Radio Club of America Radio Club of America Inc., Fred Shunaman, 324 South 3rd Avenue, Highland Park, NJ 08904, USA.

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Proceedings of the Research Institute of Atmospherics, Nagoya University Nagoya University, 13 Honohara, 3 Chrome, Toyokawa 442, Japan.

Proc. S.I.D. (USA)
Proceedings of the S.I.D Society for Information Display, 8055 W. Manchester Avenue, Playa del Rey, CA 90293, USA.

Proc. SPIE Int. Soc. Opt. Eng. (USA)
Proceedings of the SPIE - The International Society for Optical Engineering P.O.Box 10, Bellingham, WA 98227, USA.

Proc. Univ. Newcastle-upon-Tyne Philos. Soc. (GB)
Proceedings of the University of Newcastle-upon-Tyne Philosophical Society Newcastle-upon-Tyne, England.

Process Autom. (Germany)
Process Automation R. Oldenbourg Verlag GmbH, Rosenheimer Strasse 145, D-8000 Munchen 80, Germany.

Process Eng. (GB)
Process Engineering Morgan Grampian Process Press Ltd., 30 Calderwood Street, London SE18 6QH, England.
Incorporates Chemical and Process Engineering and Process Engineering, Plant and Control

Process Eng. News (Australia)
Process Engineering News Business Press International Pty. Ltd., 162 Goulburn Street, Darlinghurst, NSW 2010, Australia.

Prod. & Inventory Manage. (USA)
Production and Inventory Management American Production and Inventory Control Society Inc., 2600 Virginia Avenue, Washington, DC 20037, USA.

Prod. Eng. (USA)
Production Engineering Penton/IPC Inc., Penton Plaza, 1111 Chester Avenue, Cleveland, OH 44144, USA.

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Production Journal Newspaper Society, Whitefriars House, Carmelite Street, London EC4Y 0BL, England.

Production (USA)
Production Production Publishing Co. Inc., Box 101, Bloomfield Hills, MI 48013, USA.

Prof. Comput. (Australia)
Professional Computing ASI/PI Publications, 46-50 Porter Street, Prahan, Vic. 3181, Australia.

Prof. Comput. (USA)
Professional Computing Camden Communications Inc., Highland Mill, Camden, ME 04843, USA.

Prog. Aerosp. Sci. (GB)
Progress in Aerospace Sciences Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Prog. Biophys. & Mol. Biol. (GB)
Progress in Biophysics & Molecular Biology Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

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Progressive Builder [Formerly: *Sol. Age (USA)*] SolarVision Inc., P.O.Box 470, Peterborough, NH 03458-0470, USA.

Prog. Cryst. Growth & Charact. (GB)
Progress in Crystal Growth and Characterization Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

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Progress in Materials Science Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.
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Prog. Nucl. Energy (GB)
Progress in Nuclear Energy Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Prog. Nucl. Magn. Resonance Spectrosc. (GB)
Progress in Nuclear Magnetic Resonance Spectroscopy Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

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Progress in Oceanography Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

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Progress in Particle and Nuclear Physics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

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Progress in Quantum Electronics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

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Progress in Solid State Chemistry Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Prog. Surf. Sci. (GB)
Progress in Surface Science Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England.

Prog. Theor. Phys. (Japan)
Progress of Theoretical Physics Research Institute for Fundamental Physics and the Physical Society of Japan. Publication office: Yukawa Hall, Kyoto University, 606 Kyoto, Japan.

Prog. Theor. Phys. Suppl. (Japan)
Supplement of the Progress of Theoretical Physics Research Institute for Fundamental Physics and the Physical Society of Japan. Publication Office: Yukawa Hall, Kyoto University, 606 Kyoto, Japan.

Program (GB)
Program Aslib, Information House, 26-27 Boswell Street, London WC1N 3JZ, England.

Program. & Comput. Software (USA)
Programming and Computer Software [Translation of: *Programmirovanie (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Program. J. (USA)
Programmer's Journal Avant-Garde Publishing Corp., 1907 Garden Avenue, Eugene, OR 97403, USA.

Program. Learn. & Educ. Technol. (GB)
Programmed Learning and Educational Technology Kogan Page Ltd., 120 Pentonville Road, London N1 9JN, England.

Programmirovanie (USSR)
Programmirovanie [English translation in: *Program. & Comput. Software (USA)*] Izdatel'stvo 'Nauka', Moskva, USSR.
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Prom. Energ. (USSR)
Promyshlennaya Energetika Editorial address: 103012 Moskva, B. Cherkasskii per. 2/10, USSR.

Prometheus (Australia)
Prometheus Information Research Unit, Department of Economics, University of Queensland, St. Lucia, Qld. 4067, Australia.

Prosthet. & Orthotics Int. (Denmark)
Prosthetics and Orthotics International International Society for Prosthetics and Orthotics (ISPO), P.O. Box 42, DK-2900 Hellerup, Denmark.

Przegl. Elektrotech. (Poland)
Przeglad Elektrotechniczny Czackiego 3/5, 00-043, Warszawa, Poland.

Przegl. Stat. (USA)
Przeglad Statystyczny Panstowowe Wydawnictwo Naukowe. Editorial address: Zaklad Ekonometrii Akademii Ekonomicznej, Ul. Marchlewskiego 146-150, 60-967 Poznan, Poland.

Przegl. Telekomun. (Poland)
Przeglad Telekomunikacynjy Editorial address: ul. Swietokrzyska 3, pokoj 27-28, 00 360 Warszawa, Poland.

PT/Elektrotech. Elektron. (Netherlands)
PT/Elektrotechniek Elektronica Stam Tijdschriften BV, Treubstraat 35, Postbus 235, 2280 AE Rijswijk, Netherlands.

PTT-Bedr. (Netherlands)
PTT-Bedrijf Direction Centrale des PTT, 12 Kortenaerkade, Den Haag, Netherlands.

Publ. Astron. Soc. Jpn. (Japan)
Publications of the Astronomical Society of Japan Tokyo Astronomical Observatory, Mitaka, Tokyo, Japan.

Publ. Astron. Soc. Pac. (USA)
Publications of the Astronomical Society of the Pacific Astronomical Society of the Pacific, 1290 24th Avenue, San Francisco, CA 94122, USA.

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Publications of the Dominion Astrophysical Observatory, Victoria, British Columbia Dominion Astrophysical Observatory, Victoria, B.C, Canada.

Publ. Earth Phys. Branch Dep. Energy Mines & Resour. (Canada)
Publications of the Earth Physics Branch Department of Energy, Mines and Resources 1 Observatory Crescent, Ottawa K1A 0Y3, Canada.

Publ. Elektroteh. Fak. Ser. Elektroenerg. (Yugoslavia)
Publikacije Elektrotehnickog Fakulteta Serija: Elektroenergetika Elektrotehniki Fakultet, 11001 Beograd, Postanski Fah 816, Yugoslavia.

Publ. Elektroteh. Fak. Ser. Elektron. Telekomun. Autom. (Yugoslavia)
Publikacije Elektrotehnickog Fakulteta Serija: Elektronika, Telekomunikacije, Automatika Odsek za Elektroniku, Elektrotehnicki Fakultet, 11001 Beograd, Postanski fah 816, Yugoslavia.

Publ. Elektroteh. Fak. Ser. Mat. & Fiz. (Yugoslavia)
Publikacije Elektrotehnickog Fakulteta, Serija Matematika i Fizika Katedra Matematike, Elektrotehnicki Fakultet, 11001 Beograd, Postanski Fah 816, Yugoslavia.

Publ. Inst. R. Meteorol. Belg. Ser. A (Belgium)
Publications, Institut Royal Meteorologique de Belgique, Serie A [Formerly: *Publ. Inst. R. Meteorol. Belg. Ser. A (Belgium)*] Avenue Circulaire 3, 1180 Bruxelles, Belgium.

Publ. Inst. R. Meteorol. Belg. Ser. A (Belgium)
Publications, Institut Royal Meteorologique de Belgique. Serie A, format in 4 [Title changed to: *Publ. Inst. R. Meteorol. Belg. Ser. A (Belgium)*]

Publ. Inst. R. Meteorol. Belg. Ser. B (Belgium)
Publications, Institut Royal Meteorologique de Belgique, Serie B, format in 8 3 Avenue Circulaire, Uccle-Bruxelles 1180, Belgium.

Public Adm. (GB)
Public Administration Royal Institute of Public Administration, 3 Birdcage Walk, London SW1H 9JJ, England.

Public Adm. Q. (USA)
Public Administration Quarterly Southern Public Administration Education Foundation Inc., P.O.Box 632, Randallstown, MD 21133, USA.

Public Financ. & Accountancy (GB)
Public Finance and Accountancy Chartered Institute of Public Finance and Accountancy, 1 Buckingham Place, London SW1E 6HS, England.

Public Util. Fortn. (USA)
Public Utilities Fortnightly Public Utilities Reports Inc., Suite 2100, Rosslyn Center Building, 1700 North Moore Street, Arlington, VA 22209, USA.

Publisher (GB)
The Publisher Macro Publishing Ltd., Conbar House, Mead Lane, Hertford, Herts. SG13 7AS, England.

Pulp & Pap. Can. (Canada)
Pulp & Paper Canada National Business Publications Ltd., 310 Victoria Avenue, Westmount, PQ. H3Z 2M9, Canada.

Purch. & Supply Manage. (GB)
Purchasing and Supply Management Institute of Purchasing and Supply, Easton House, Easton on the Hill, Stamford, Lincs. PE9 3NZ, England.

Purchasing (USA)
Purchasing Cahners Publishing Co., 221 Columbus Avenue, Boston, MA 02116, USA.

Pure & Appl. Geophys. (Switzerland)
Pure and Applied Geophysics Birkhauser Verlag, CH-4010 Basel, Elizabethenstrasse 19, Switzerland.
From 1982 to 1984 published under the title Pure and Applied Geophysics (USA)

Q. Appl. Math. (USA)
Quarterly of Applied Mathematics American Mathematical Society, P.O. Box 1571, Providence, RI 02901, USA.

Q. Bull. Int. Assoc. Agric. Libr. & Doc. (Netherlands)
Quarterly Bulletin of the International Association of Agricultural Librarians and Documentalists Editorial address: "de Hulle", Hullerpad 14, Lunteren, Netherlands.

Q. J. Mech. & Appl. Math. (GB)
Quarterly Journal of Mechanics and Applied Mathematics Oxford University Press, Ely House, London, W1, England.

Q. J. R. Astron. Soc. (GB)
Quarterly Journal of the Royal Astronomical Society Burlington House, London, W1V 0NL, England.

Q. J. R. Meteorol. Soc. (GB)
Quarterly Journal of the Royal Meteorological Society James Glaisher House, Grenville Place, Bracknell, Berks. RG12 1BX, England.

Q. J. Seismol. (Japan)
Quarterly Journal of Seismology Japan Meteorological Agency, Ote-machi, Chiyoda-ku, Tokyo, Japan.

Q. Rep. Railw. Tech. Res. Inst. (Japan)
Quarterly Report of the Railway Technical Research Institute Railway Technical Institute, JNR, Kunitachi, P.O. Box 9, Tokyo, Japan.

Qingbao Kexue Jishu (China)
Qingbao Kexue Jishu Defence Technology Committee Information Research Department, Beijing, People's Republic of China.

Quaest. Inf. (S. Africa)
Quaestiones Informaticae Computer Society of South Africa, P.O.Box 1207, Johannesburg 2000, South Africa.

Qual. & Zuverlassigkeit (Germany)
Qualitat und Zuverlassigkeit Carl Hanser Verlag, D-8000 Munchen 80, Kolbergerstrasse 22, Germany.

Qual. Assur. (GB)
Quality Assurance Institute of Quality Assurance, 54 Princes Gate, Exhibition Road, London, SW7 2PG, England.

Qual. Prog. (USA)
Quality Progress American Society for Quality Control, 161 West Wisconsin Avenue, Milwaukee, WI 53203, USA.

Qual. Today (GB)
Quality Today Business Press International Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, England.

Qualite Rev. Prat. Controle Ind. (France)
Qualite Revue Pratique de Controle Industriel Editions Ampere, 46 Rue Ampere, 75017 Paris, France.

Quaternary Res. (USA)
Quaternary Research Academic Press Inc., 1 East First Street, Duluth, MN 55802, USA.

Quaternary Sci. Rev. (GB)
Quaternary Science Reviews Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

R & D Manage. (GB)
R & D Management Basil Blackwell Publications, 108 Cowley Road, Oxford, OX4 1JF, England.

R. Greenwich Obs. Bull. (GB)
Royal Greenwich Observatory Bulletins Herstmonceux Castle, Hailsham, East Sussex BN27 1RP, England.

R. Obs. Ann. (GB)
Royal Observatory Annals Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex BN27 1RP, England.

R&D Dig. (GB)
R&D Digest British Gas Corp., Research and Development Division Headquarters, 152 Grosvenor Road, London SW1V 3JL, England.

Radiat. & Environ. Biophys. (Germany)
Radiation and Environmental Biophysics Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany.

Radiat. Eff. (GB)
Radiation Effects Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Radiat. Eff. Lett. Sect. (GB)
Radiation Effects Letters Section Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Radiat. Phys. & Chem. (GB)
Radiation Physics and Chemistry Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Radiat. Prot. (Korea)
Radiation Protection Korean Association for Radiation Protection, Seoul, Korea.

Radiat. Prot. Dosim. (GB)
Radiation Protection Dosimetry Nuclear Technology Publishing, P.O.Box 7, Ashford, Kent, England.

Radiat. Res. (USA)
Radiation Research Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.

Radio & Electron. World (GB)
Radio & Electronics World Sovereign House, Brentwood, Essex CM14 4SE, England.

Radio & Telev. (Czechoslovakia)
Radio and Television Administrative Council of the International Radio and Television Organization (OIRT), Skokanska 1, Prague 6, Czechoslovakia.

Radio Commun. (GB)
Radio Communication Radio Society of Great Britain, 35 Doughty Street, London, WC1N 2AE, England.

Radio-Electron. (USA)
Radio-Electronics 200 Park Avenue South, New York, NY 10003, USA.

Radio Eng. & Electron. Phys. (USA)
Radio Engineering and Electronic Physics [Title changed to: *Sov. J. Commun. Technol. & Electron. (USA)*]

Radio Fernsehen Elektron. (Germany)
Radio Fernsehen Elektronik VEB Verlag Technik, Oranienburgerstrasse 13/14, 102 Berlin Postfach 293, Germany.

Radio Sci. (USA)
Radio Science American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Radioact. Waste Manage. & Nucl. Fuel Cycle (Switzerland)
Radioactive Waste Management and the Nuclear Fuel Cycle Harwood Academic Publishers GmbH, Poststrasse 22, CH-7000 Chur, Switzerland.

Radiobiologiya (USSR)
Radiobiologiya Editorial address: 103717 GSP, K-62 Moskva, Podsosenskii Pereulok nom 21, Komn. 30, USSR.

Radiodiffusion Telev. (France)
Radiodiffusion Television Information Promotion Francaises, 12 rue Pascal, 75005 Paris, France.

Radioelectron. & Commun. Syst. (USA)
Radioelectronics and Communication Systems [Translation of: *Izv. VUZ Radioelektron. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Radiographer (Australia)
Radiographer Business Manager, The Radiographer, P.O.Box 278, East Melbourne, Vic. 3002, Australia.

Radioind. Elettron. - Telev. (Italy)
Radioindustria Elettronica - Televizione Franco Angeli Editore, Viale Monza 106, 20127 Milano, Italy.

Radioisotopes (Japan)
Radioisotopes Japan Radioisotope Association, 2-28-45, Honkomagome, Bunkyo-ku, Tokyo 113, Japan.

Radiol. Prot. Bull. (GB)
Radiological Protection Bulletin National Radiological Protection Board, Harwell, Didcot, Berks, England.

Radiology (USA)
Radiology Radiological Society of North America Inc., 20th and Northampton Streets, Easton, PA 18042, USA.

Radiophys. & Quantum Electron. (USA)
Radiophysics and Quantum Electronics [Translation of: *Izv. VUZ Radiofiz. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Radiotekh. & Elektron. (USSR)
Radiotekhnika i Elektronika [English translation in: *Radio Eng. & Electron. Phys. (USA)*] Editorial address: 103907 Moskva TSP-3, Pr. Karl Marx 18, USSR.
INSPEC coverage is from English translation

Radiotekhnika, Kharkov (USSR)
Radiotekhnika Izdatel'stvo "Visha Shkola", Kharkov Gosudarstvennom Universitete, 310003 Khar'kov, USSR.

Radiotekhnika, Moskva (USSR)
Radiotekhnika [English translation in: *Telecommun. & Radio Eng. Part 2 (USA)*] Editorial Address: 103031 Moskva K31, Kuznetskii Most D 20, USSR.
INSPEC coverage is from English translation

Rail Int. (Belgium)
Rail International International Railway Congress Association, Rue de France 85, B-1070 Bruxelles, Belgium.

Railw. Gaz. Int. (GB)
Railway Gazette International IPC Transport Press Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, England.

Railways (S. Africa)
Railways Thomson Publications SA (Pty.) Ltd., P.O. Box 8308, Johannesburg 2000, South Africa.

RAIRO Inf. Theor./Theor. Inf. (France)
RAIRO Informatique Theorique/Theoretical Informatics [Title changed to: *Inf. Theor. & Appl. (France)*]

RAIRO Rech. Oper./Oper. Res. (France)
RAIRO Recherche Operationnelle/Operations Research C.D.R./Centrale des Revues, 11 rue Gossin, 92543 Montrouge cedex, France.

Rand J. Econ. (USA)
Rand Journal of Economics P.O.Box 328, Mount Morris, IL 61054, USA.

RCA Broadcast News (USA)
RCA Broadcast News RCA Communications Systems Division, Princeton, NJ 08540, USA.

RCA Rev. (USA)
RCA Review Radio Corporation of America, RCA Laboratories Division, Princeton, NJ 08540, USA.

RCA Tech. Not. (USA)
RCA Technical Notes Radio Corporation of America, Princeton, NJ 08540, USA.
Not covered during the period 1971 to 1975

React. Solids (Netherlands)
Reactivity of Solids Elsevier Science Publishers, P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Real Estate Appraiser & Anal. (USA)
Real Estate Appraiser and Analyst Society of Real Estate Appraisers, 645 North Michigan Avenue, Chicago, IL 60611, USA.

Rec. AT&T Bell Lab. (USA)
Record AT&T Bell Laboratories Bell Telephone Laboratories Inc., 600 Mountain Avenue, Murray Hill, NJ 07974, USA.

Rec. Electr. & Commun. Eng. Conversazione Tohoku Univ. (Japan)
Record of Electrical and Communication Engineering Conversazione Tohoku University Tohoku University, Research Institute of Electrical Communication, Sendai, Japan.

Rech. Aerosp. (France)
Recherche Aerospatiale Office National d'Etudes et de Recherches Aerospatiales, 29 Avenue de la Division Leclerc, 92320-Chatillon, France.

Rechentech. Datenverarb. (Germany)
Rechentechnik Datenverarbeitung Verlag die Wirtschaft Berlin, 1055 Berlin, Am Friedrichshain 22, Germany.

Recherche (France)
Recherche Societe d'Editions Scientifiques, 57 rue de Seine, 75006 Paris, France.

Recognition Technol. Today (USA)
Recognition Technologies Today Recognition Technologies User Association, P.O.Box 2016, Manchester Center, VT 05255, USA.

Ref. Libr. (USA)
Reference Librarian Haworth Press Inc., 28 East 22 Street, New York, NY 10010, USA.

Refractories (USA)
Refractories [Translation of: *Ogneupory (USSR)*] Consultants Bureau, 233 Spring Road, New York, NY 10013, USA.

Refrigeration (Japan)
Refrigeration Japanese Association of Refrigeration, 8 San'ei-cho, Shinjuku-ku, Tokyo 160, Japan.

Regul. & Mando Autom. (Spain)
Regulacion y Mando Automatico [Title changed to: *Autom. & Instrum. (Spain)*]

Reliab. Eng. (GB)
Reliability Engineering Applied Science Publishers Ltd., Ripple Road, Barking, Essex, England.

Remote Sensing Environ. (USA)
Remote Sensing of Environment American Elsevier Publishing Co., 52 Vanderbilt Avenue, New York, NY 10017, USA.

Remote Sensing Rev. (GB)
Remote Sensing Reviews Harwood Academic Publishers, c/o STBS Ltd., 42 William IV Street, London WC2N 4DE, England.

Rend. Ist. Lombardo Accad. Sci. & Lett. A (Italy)
Rendiconti Istituto Lombardo Accademia di Scienze e Lettere A (Scienze Matematiche e Applicazioni) Palozzo Brera, Via Brera 28, Milano, Italy.

Rep. Chiba Inst. Technol. (Japan)
Report of Chiba Institute of Technology 2-17-1 Tsudanuma, Narashino-shi, Chiba 275, Japan.

Rep. Fac. Eng. Nagasaki Univ. (Japan)
Reports of the Faculty of Engineering, Nagasaki University 1-14 Bunkyo-machi, Nagasaki-shi 852, Japan.

Rep. Fac. Eng. Shizuoka Univ. (Japan)
Reports of the Faculty of Engineering, Shizuoka University Hamamatsu, Japan.

Rep. Fac. Eng. Yamanashi Univ. (Japan)
Reports of the Faculty of Engineering, Yamanashi University 4 Takeda, Kofu-shi, Yamanashi 400, Japan.

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Reports of the Faculty of Science and Engineering, Saga University 1 Honjo-machi, Saga-shi 840, Japan.

Rep. Fac. Sci. & Technol. Meijo Univ. (Japan)
Reports of the Faculty of Science and Technology, Meijo University 69-49 Yagoto Urayama, Tenpaku-cho, Tenpaku-ku, Nagoya 468, Japan.

Rep. Gov. Ind. Res. Inst. Nagoya (Japan)
Reports of the Government Industrial Research Institute, Nagoya Hirate-machi Kita-ku, Nagoya, Japan.

Rep. Gov. Ind. Res. Inst. Osaka (Japan)
Reports of the Government Industrial Research Institute, Osaka 1-8-31 Midorigaoka, Ikeda, Osaka 563, Japan.

Rep. Grad. Sch. Electron. Sci. & Technol. Shizuoka Univ. (Japan)
Reports of the Graduate School of Electronic Science and Technology, Shizuoka University 3-5-1 Johoku, Hamamatsu 432, Japan.

Rep. Himeji Inst. Technol. (Japan)
Reports of Himeji Institute of Technology Himeji, Japan.

Rep. Inst. High Speed Mech. Tohoku Univ. Ser. B (Japan)
Reports of the Institute of High Speed Mechanics, Tohoku University (A section of: Science Reports of the Research Institute, Tohoku University, Series B (Technology)) Sendai, Japan.

Rep. Inst. Ind. Sci. Univ. Tokyo (Japan)
Report of the Institute of Industrial Science, University of Tokyo 22-1 Roppongi, 7-chome, Minato-ku, Tokyo 106, Japan.

Rep. Inst. Phys. & Chem. Res. (Japan)
Reports of the Institute of Physical and Chemical Research Rikagaku Kenkyushu, Wako-shi, Saitama 351, Japan.

Rep. Math. Phys. (GB)
Reports on Mathematical Physics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Rep. Prog. Phys. (GB)
Reports on Progress in Physics Institute of Physics, 47 Belgrave Square, London, SW1X 8QX, England.

Rep. Res. Inst. Appl. Mech. (Japan)
Reports of Research Institute for Applied Mechanics Kyushu University, Hakozaki, Fukuoka 812, Japan.

Rep. Res. Inst. Ind. Sci. Kyushu Univ. (Japan)
Reports of the Research Institute of Industrial Science, Kyushu University Fukuoka, Kyushu, Japan.

Rep. Res. Inst. Sci. & Technol. Nihon Univ. (Japan)
Report of the Research Institute of Science and Technology, Nihon University Rikogaku-Kenkuyjo (Research Institute of Science and Technology), Nihon University, No. 8, 1-chome, Surugadai, Kanda, Chiyoda-ku, Tokyo, Japan.

Rep. Res. Inst. Strength & Fract. Mater. (Japan)
Reports of the Research Institute for Strength and Fracture of Materials Tohoku University, Sendai, Japan.

Rep. Res. Lab. Eng. Mater. Tokyo Inst. Technol. (Japan)
Report of the Research Laboratory of Engineering Materials, Tokyo Institute of Technology 4259 Nagatsuta-cho, Midori-ku, Yokohama 227, Japan.

Rep. Res. Lab. Surf. Sci. Okayama Univ. (Japan)
Reports of the Research Laboratory for Surface Science, Okayama University Faculty of Science, Okayama, Japan.

Rep. Res. Nippon Inst. Technol. (Japan)
Report of Researches, Nippon Institute of Technology Miyashiro-machi, Minami-saitama-gun, Saitama 345, Japan.

Rep. Stat. Appl. Res. UJSE (Japan)
Reports of Statistical Application Research, Union of Japanese Scientists and Engineers 5-10-11 Sendagaka, Shibuya-ku, Tokyo, Japan.

Rep. Technol. Iwate Univ. (Japan)
Report on Technology of Iwate University Faculty of Engineering, Iwate University, 4-3-5 Ueda, Morioka-shi, Iwate 020, Japan.

Rep. Univ. Electro-Commun. (Japan)
Reports of the University of Electro-Communications University of Electro-Communications, 1-5-1 Chofugaoka, Chofu-shi, Tokyo, Japan.

Res. & Dev. (USA)
Research & Development Technical Publishing, 1301 South Grove Avenue, P.O.Box 1030, Barrington, IL 60010, USA.

Res. Bull. Hiroshima Inst. Technol. (Japan)
Research Bulletin of the Hiroshima Institute of Technology 725 Miyake, Itsukaichi-cho, Saiki-ku, Hiroshima-shi 731-51, Japan.

Res. Bull. Reg. Eng. Coll. Warangal (India)
Research Bulletin, Regional Engineering College, Warangal Warangal (AP) Kazipet (PO), India.

Res. Electrotech. Lab. (Japan)
Researches of the Electrotechnical Laboratory 1-1-4, Umezono, Sakura-mura, Niihari-gun, Ibaraki, Japan.

Res Mech. (GB)
Res Mechanica Applied Science Publishers Ltd., Ripple Road, Barking, Essex, England.

Res. Rep. Autom. Control Lab. Fac. Eng. Nagoya Univ. (Japan)
Research Reports of Automatic Control Laboratory, Faculty of Engineering, Nagoya University Chikusa, Nagoya, Japan.

Res. Rep. Fac. Eng. Meiji Univ. (Japan)
Research Reports of the Faculty of Engineering, Meiji University Meiji, Japan.

Res. Rep. Fac. Eng. Tokyo Denki Univ. (Japan)
Research Reports of the Faculty of Engineering, Tokyo Denki University Tokyo, Japan.

Res. Rep. Inf. Sci. Ser. A (Japan)
Research Reports on Information Sciences, Series A (Mathematical Science) Department of Information Sciences, Tokyo Institute of Technology, 2-12-1 O-Okayama, Meguro-ku, Tokyo 152, Japan.

Res. Rep. Inf. Sci. Ser. B (Japan)
Research Reports on Information Sciences, Series B (Operations Research) Tokyo Institute of Technology, Department of Information Sciences, 2-12-1, O-okayama, Meguro-ku, Tokyo 152, Japan.

Res. Rep. Inf. Sci. Ser. C (Japan)
Research Reports on Information Sciences, Series C (Computer Science) Tokyo Institute of Technology, Department of Information Sciences, 2-12-1, O-okayama, Meguro-ku, Tokyo 152, Japan.

Res. Rep. Inst. Inf. Sci. & Technol. Tokyo Denki Univ. (Japan)
Research Reports, Institute of Information Science & Technology, Tokyo Denki University Tokyo, Japan.

Res. Rep. Kogakuin Univ. (Japan)
Research Reports of Kogakuin University 1-24-2 Shinjuku-ku, Tokyo 160-91, Japan.

Res. Rep. Nagaoka Tech. Coll. (Japan)
Research Reports of the Nagaoka Technical College Library of the Nagaoka Technical College, Nishi-Katakai-machi, Nagaoka-shi, Niigata-ken, Japan.

Res. Word Process. Newsl. (USA)
Research in Word Processing Newsletter South Dakota School of Mines and Technology, Rapid City, SD 57701, USA.

Resour. & Energy (Netherlands)
Resources and Energy North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Resour. Sharing & Inf. Networks (USA)
Resource Sharing and Information Networks Haworth Press Inc., 28 East 22 Street, New York, NY 10010, USA.

Ressources Temps Reel (France)
Ressources Temps Reel 5 place du Colonel Fabien, 75491 Paris Cedex 10, France.

Retail & Distrib. Manage. (GB)
Retail & Distribution Management Newman Publishing Ltd., 48 Poland Street, London W1V 4PP, England.

Retail Control (USA)
Retail Control Financial Executives Division, NRMA, 100 West 31st Street, New York, NY 10001, USA.

Rev. Acad. Cienc. Zaragoza (Spain)
Revista de la Academia de Ciencias Zaragoza Academia de Ciencias Exactas, Fisico-Quimicas y Naturales de Zaragoza, Plaza de Paraiso 1, Zaragoza, Spain.

Rev. Acoust. (France)
Revue d'Acoustique Groupement des Acousticiens de Langue Francaise. Editorial address: CNET, 17-19 rue Ernest Laval, 92170 Vanves, France.

Rev. AIBDA (Costa Rica)
Revista AIBDA Secretaria Ejecutiva de AIBDA, c/o IICA-CIDIA, Turrailba, Costa Rica.

Rev. Bras. Fis. (Brazil)
Revista Brasileira de Fisica Sociedade Brasileira de Fisica, Cx. Postal 20553, Sao Paolo SP, Brazil.

Rev. Chim. Miner. (France)
Revue de Chimie Minerale C.D.R. - Centrale des Revuews, 11 rue Gossin, 92543 Montrouge Cedex, France.

Rev. Colomb. Fis. (Colombia)
Revista Colombiana de Fisica Sociedad Colombiana de Fisica, Apartado Aereo 16776, Bogota, Colombia.

Rev. Electr. Commun. Lab. (Japan)
Review of the Electrical Communication Laboratories Nippon Telegraph and Telephone Public Corp., Midori-cho, 9-11 Musasino-si, 3 chome, Tokyo 180, Japan.

Rev. Electrotec. (Argentina)
Revista Electrotecnica Asociacion Argentina de Electrotecnicos y del Comite Electrotecnico Argentina, Posadas 1659, Buenos Aires, Argentina.

Rev. Electrotec. (Spain)
Revista Electrotecnica Asociacon Electrotecnica Espanola, Aribau 61, Barcelona, Spain.

Rev. Energ. (France)
Revue de l'Energie Les Editions Techniques et Economiques, 3 Rue Soufflot, 75005 Paris, France.

Rev. Esp. Doc. Cient. (Spain)
Revista Espanola de Documentacion Cientifica Instituto de Informacion y Documentacion en Cienca y Tecnologia, Joaquin Costa 22, Madrid 6, Spain.

Rev. Esp. Electron. (Spain)
Revista Espanola de Electronica Ediciones Tecnicas 'Rede', Apartado 5252, Barcelona, Spain.

Rev. Fac. Eng. Univ. Porto (Portugal)
Revista da Faculdade de Engenharia, Universidade do Porto Porto, Portugal.

Rev. Fac. Sci. Univ. Istanbul Ser. C (Turkey)
Review of Faculty of Science, University of Istanbul, Serie C (Istanbul Universitesi fen Fakultesi Mecmuasi, Seri C) Fen Fakultesi Basimevi, Istanbul, Turkey.

Rev. FITCE (Belgium)
Revue F.I.T.C.E Federation des Ingenieurs des Telecommunications de la Communaute Europeenne, 42 rue des Palais, 1030 Bruxelles, Belgium.

Rev. Gen. Chemins de Fer (France)
Revue General des Chemins de Fer [English translation of selected articles in: *Fr. Railw. Rev. (GB)*] Centrale des Revues, 11 rue Gossin, 92543 Montrouge Cedex, France.

Rev. Gen. Electr. (France)
Revue Generale de l'Electricite Societe des Electriciens des Electroniciens et des Radioelectriciens, 48 rue de la Procession, 75724 Paris, Cedex 15, France.

Rev. Gen. Nucl. (France)
Revue Generale Nucleaire Societe Francaise d'Energie Nuclaire, 48 rue de la Procession, 75724 Paris Cedex 15, France.
English translation of selected articles appear in Revue Generale Nucleaire, International Edition

Rev. Gen. Nucl. Int. Ed. (France)
Revue Generale Nucleaire, International Edition Societe Francaise d'Energie Nucleaire, 48 rue de la Procession, 75724 Paris Cedex 15, France.

Rev. Geofis. (Spain)
Revista de Geofisica Catedra de Geofisica, Facultad de C. Fisicas, Universdad Complutense, Madrid-3, Spain.
Journal suspended publication 1979-81

Rev. Geophys. (USA)
Reviews of Geophysics American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.
From Nov. 1969 to Nov. 1984 published under the title of Reviews of Geophysics and Space Physics

Rev. HF (Belgium)
Revue HF Societe Belge des Ingenieurs des Telecommunications et d'Electronique, 66 Chaussee de Ruisbrock, Bruxelles 1190, Belgium.

Rev. Inf. & Autom. (Spain)
Revista de Informatica y Automatica Asociacion Espanola de Informatica y Automatica, Facultad de Ciencias, Ciudad Universitaria, 28040 Madrid, Spain.

Rev. Int. Hautes Temp. & Refract. (France)
Revue Internationale des Hautes Temperatures et des Refractaires Masson et Cie S.A., 120 Boulevard Saint-Germain, F-75280 Paris Cedex 06, France.

Rev. Int. Metodos Numer. para Calculo & Diseno Ing. (Spain)
Revista Internacional de Metodos Numericos para Calculo y Diseno en Ingenieria Universitat Politecnica de Catalunya, Apartado de Correos 30250, 08034 Barcelona, Spain.

Rev. Jeumont-Schneider (France)
Revue Jeumont-Schneider 31-32 Quai de Dion Bouton, 92811 Puteaux-Paris, France.

Rev. Mex. Astron. & Astrofis. (Mexico)
Revista Mexicana de Astronomia y Astrofisica Instituto de Astronomia, UNAM, Apartado Postal 70-264, Mexico 20, D.F, Mexico.

Rev. Mex. Fis. (Mexico)
Revista Mexicana de Fisica Sociedad Mexicana de Fisica, Apartado Postal No.70-542, Ciudad Universitaria, 04510 Mexico D.F. D.F, Mexico.

Rev. Mod. Phys. (USA)
Reviews of Modern Physics Published for the American Physical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Rev. Phys. Appl. (France)
Revue de Physique Appliquee Editions de Physique, Z.I. de Courtaboeuf, B.P. 112, Avenue du Hoggar, 91944 Les Ulis Cedex, France.

Rev. Polytech. (Switzerland)
Revue Polytechnique Chemin de la Caroline 22, 1213 Petit-Lancy, Geneve, Switzerland.

Rev. Radio Res. Lab. (Japan)
Review of the Radio Research Laboratories Ministry of Posts & Telecommunications, Nukui-Kitamachi, Konganei-shi, Tokyo 184, Japan.

Rev. Roum. Phys. (Rumania)
Revue Roumaine de Physique Academie Republicii Populare Romine, Boite Postale 134-135, Bucuresti, Rumania.

Rev. Roum. Sci. Tech. Ser. Electrotech. & Energ. (Rumania)
Revue Roumaine des Sciences Techniques, Serie Electrotechnique et Energetique Academia Republicii Populare Romine. Editorial address: Sos. Vitan 236, Bucuresti, Rumania.

Rev. Roum. Sci. Tech. Ser. Mec. Appl. (Rumania)
Revue Roumaine des Sciences Techniques, Serie de Mecanique Appliquee Calea Victoriei 125, Bucuresti, Rumania.

Rev. Sci. Instrum. (USA)
Review of Scientific Instruments American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Rev. Tech. Thomson-CSF (France)
Revue Technique Thomson-CSF Masson et Cie S.A., 120 Boulevard Saint-Germain, F-75280 Paris Cedex 06, France.

Rev. Telecomun. (Spain)
Revista de Telecomunicacion Consejo Tecnica de Telecomunicacion, Palacio de Comunicaciones, Apartado 936, Madrid, Spain.

Rev. Telegr. Electron. (Argentina)
Revista Telegrafica Electronica Editorial address: Avenida Martin Garcia 653, Buenos Aires, Argentina.

R.F. Des. (USA)
R.F. Design Cardiff Publishing Co., 6530 S. Yosemite Street, Englewood, CO 80111, USA.

Rheol. Acta (Germany)
Rheologica Acta Dr. Steinkopf Verlag, 6100 Darmstadt, Postfach 1008, Germany.

Ric. Autom. (Italy)
Ricerche di Automatica E.S.I.A., Edizioni Scientifiche Inglesi Americane srL., Via Sommacampagna 11-13, 00185 Roma, Italy.

Ric. Spettrosc. (Italy)
Ricerche Spettroscopiche Specola Vaticana, Citta del Vaticano, Italy.

Risk Anal. (USA)
Risk Analysis Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Risk Manage. (USA)
Risk Management Risk Management Society Publishing Inc., 205 East 42nd Street, New York, NY 10017, USA.

Riv. Inf. (Italy)
Rivista di Informatica AICA - Associazione Italiana per il Calcolo Automatica, c/o FAST, P. le Rodolfo Morandi 2, 20121 Milano, Italy.

Riv. Nuovo Cimento (Italy)
Rivista del Nuovo Cimento Societa Italiana di Fisica, Via Degli Andalo 2, Bologna 40124, Italy.

Riverina Libr. Rev. (Australia)
Riverina Library Review Riverina-Murray Institute of Higher Education, Centre for Library Studies, Box 588, Wagga Wagga, NSW 2650, Australia.

Robot (Japan)
Robot Japan Industrial Robot Association, 3-5-8 Shiba-kohen, Minato-ku, Tokyo 105, Japan.

Robotica (GB)
Robotica Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, England.

Robotics (Netherlands)
Robotics North-Holland, P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Robotics & Comput.-Integrated Manuf. (GB)
Robotics and Computer-Integrated Manufacturing Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Robotics Age (USA)
Robotics Age [Title changed to: *Robotics Eng. (USA)*]

Robotics Eng. (USA)
Robotics Engineering [Formerly: *Robotics Age (USA)*] Robotics Age Inc., Strand Building, 174 Concord Street, Peterborough, NH 03458, USA.

Robotics Today (USA)
Robotics Today Robotics International of the Society of Manufacturing Engineers, One SME Drive, P.O.Box 930, Dearborn, MI 48128, USA.

Robotics World (USA)
Robotics World Communication Channels Inc., 6255 Barfield Road, Atlanta, GA 30328, USA.

Rocky Mountain J. Math. (USA)
Rocky Mountain Journal of Mathematics Rocky Mountain Mathematics Consortium, Department of Mathematics, Arizona State University, Tempe, AZ 85287, USA.

Roentgen-Bl. Prax. & Klin. (Germany)
Rontgen-Blatter Praxis und Klinik Georg Thieme Verlag, Rudigerstrasse 14, Postfach 732, 7000 Stuttgart 1, Germany.

Rozpr. Electrotech. (Poland)
Rozprawy Electrotechniczne Panstwowe Wydaioructwo Naukowe, Warszawa, Miodowa 10, Poland.

Rozpr. Hydrotech. (Poland)
Rozprawy Hydrotechniczne Instytut Budownictwa Wodnego, Polskiej Akademii Nauk w Gdansku, Gdansk, Poland.

Rundfunktech. Mitt. (Germany)
Rundfunktechnische Mitteilungen Institut fur Rundfunktechnik, Mittelweg 113, Hamburg 13, Germany.

Russ. Metall. (USA)
Russian Metallurgy [Translation of: *Izv. Akad. Nauk. SSSR Met.*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.
I

Rutgers Comput. & Technol. Law J. (USA)
Rutgers Computer & Technology Law Journal Rutgers Law School, 15 Washington Street, Newark, NJ 07102, USA.

Rydge's (Australia)
Rydge's Rydge Publications Pty. Ltd., Box 3337, Sydney, NSW 2000, Australia.

S. Afr. J. Antarct. Res.
South African Journal of Antarctic Research Editorial Address: P.O. Box 3718, Johannesburg, South Africa.

S. Afr. J. Libr. & Inf. Sci. (S. Africa)
South African Journal of Library and Information Science (Suid-Afrikaanse Tydskrif vir Biblioteek- en Inligtingkunde) [Formerly: *S. Afr. J. Librarianship & Inf. Sci. (S. Africa)*] South African Institute for Librarianship and Information Science, P.O.Box 28743, Sunnyside, Pretoria 0132, South Africa.

S. Afr. J. Librarianship & Inf. Sci. (S. Africa)
South African Journal for Librarianship and Information Science (Suid-Afrikaanse Tydskrif vir Biblioteek- en Inligtingwese) [Title changed to: *S. Afr. J. Libr. & Inf. Sci. (S. Africa)*]

S. Afr. J. Phys. (S. Africa)
South African Journal of Physics (Suid-Afrikaanse Tydskrif vir Fisika) Bureau for Scientific Publications, P.O. Box 1758, Pretoria 0001, South Africa.

S. Afr. Mech. Eng. (S. Africa)
South African Mechanical Engineer South African Institute of Mechanical Engineers, P.O.Box 61019, Marshalltown 2107, South Africa.

S.-Afr. Tydskr. Natuurwet. & Tecnol. (S. Africa)
Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tecnologie Suid-Afrikaanse Akademie vir Wetenskap en Kuns, Postbus 538, Pretoria 0001, South Africa.

Sadhana (India)
Sadhana Indian Academy of Sciences, Bangalore 560 080, India.

Saehkoe Electr. & Electron. (Finland)
Sahko Electricity and Electronics Merikasarmikatu 7 J 53, 00160 Helsinki, Finland.

Sales & Mark. Manage. (USA)
Sales & Marketing Management Bill Communications, 633 Third Avenue, New York, NY 10164-0563, USA.

Sanken Tech. Rep. (Japan)
Sanken Technical Report Sanken Electric Co. Ltd., 3-6-3 Kitano, Niiza-shi, Saitama 352, Japan.

Sanyo Tech. Rev. (Japan)
Sanyo Technical Review Sanyo Electric Co. Ltd., 2-18 Hondori, Keihan, Moriguchi-shi, Osaka 570, Japan.

Satell. Commun. (USA)
Satellite Communications Cardiff Publishing Co., 6530 South Yosemite Street, Englewood, CO 80111, USA.

Sb. Kratk. Soobshch. Fiz. AN SSSR Fiz. Inst. P.N. Lebedeva
Sbornik Kratkie Soobshcheniya po Fizike, AN SSSR, Fizicheskii Institut im. P.N. Lebedeva [English translation in: *Sov. Phys.-Lebedev Inst. Rep. (USA)*] Editorial address: 11733, Moskva B-333, Leninskii Prospekt 53, USSR.
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Scand. Audiol. (Sweden)
Scandinavian Audiology Almqvist & Wiksell Periodical Co., P.O. Box 62, S-101 20 Stockholm, Sweden.

Scand. Audiol. Suppl. (Sweden)
Scandinavian Audiology Supplementum [Issued with: *Scand. Audiol. (Sweden)*]

Scand. J. Metall. (Finland)
Scandinavian Journal of Metallurgy P.O.Box 244, SF-001310 Helsinki 13, Finland.

Scand. J. Stat. Theory & Appl. (Sweden)
Scandinavian Journal of Statistics Theory and Applications Almqvist & Wiksell Periodical Co., P.O. Box 62, S-101 20 Stockholm 1, Sweden.

Scanner (GB)
Scanner Journal of Decca Radar Ltd., Decca House, Albert Embankment, London, SE1, England.

Scanning (USA)
Scanning FACM Publishing Inc., The JBI Building, Box 521, Mahwah, NJ 07430, USA.

Scanning Electron Microsc. (USA)
Scanning Electron Microscopy P.O. Box 66507, AMF O'Hare, IL 60666, USA.

Schweiz. Tech. Z. (Switzerland)
Schweizerische Technische Zeitschrift Schweizerischer Technischer Verband, Weinbergstrasse 41, 8023 Zurich, Switzerland.

Sci. & Cult. (India)
Science and Culture Indian Science News Association, 92 Acharya Prafullachandra Road, Calcutta 9, India.

Sci. & Eng. Rep. Natl. Def. Acad. (Jpn.) (Japan)
Scientific and Engineering Reports of the National Defense Academy (Japanese) Hashirimizu 1-10-20, Yokosuka 239, Japan.

Sci. & Eng. Rep. Saitama Univ. Ser. C (Japan)
Science and Engineering Reports of Saitama University, Series C Urawa-City, Saitama-ken, Japan.

Sci. & Eng. Rev. Doshisha Univ. (Japan)
Science and Engineering Review of Doshisha University Science and Engineering Research Institute of Doshisha University, Kyoto, Japan.

Sci. & Tech. Inf. Process. (USA)
Scientific and Technical Information Processing [Translation of: *Nauchno-Tekh. Inf. Ser. 1 (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10016, USA.

Sci. & Technol. Libr. (USA)
Science & Technology Libraries Haworth Press Inc., 28 East 22 Street, New York, NY 10010, USA.

Sci. Am. (USA)
Scientific American 415 Madison Avenue, New York, NY 10017, USA.

Sci. Atmos. Sin. (China)
Scientia Atmospherica Sinica Science Press, Beijing. Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, People's Republic of China.

Sci. Comput. Program. (Netherlands)
Science of Computer Programming North-Holland Publishing Co., P.O.Box 103, 1000 AC Amsterdam, Netherlands.

Sci. Dimension (Canada)
Science Dimension National Research Council of Canada, Ottawa K1A OR6, Canada.

Sci. Electr. (Switzerland)
Scientia Electrica Institut fur Hohere Elektrotechnik, Eidgenossische Technische Hochschule, Gloriastr. 35, 8006-Zurich, Switzerland.

Sci. Pap. Coll. Arts & Sci. Univ. Tokyo (Japan)
Scientific Papers of the College of Arts and Sciences, University of Tokyo Komaba, Meguro-ku, Tokyo 153, Japan.

Sci. Pap. Inst. Phys. & Chem. Res. (Japan)
Scientific Papers of the Institute of Physical and Chemical Research Rikagaku Kenkyusho, Wako-shi, Saitama 351, Japan.

Sci. Prog. (GB)
Science Progress Blackwell Scientific Publications, Oxford, England.

Sci. Rep. Kanazawa Univ. (Japan)
Science Reports of Kanazawa University Faculty of Science, Kanazawa University, Kanazawa, Japan.

Sci. Rep. Osaka Univ. (Japan)
Science Reports Osaka University College of General Education, Osaka University, Toyonaka, Osaka, Japan.

Sci. Rep. Res. Inst. Tohoku Univ. Ser. A (Japan)
Science Reports of the Research Institutes, Tohoku University, Series A (Physics, Chemistry, and Metallurgy) Sendai, Japan.

Sci. Rep. Saitama Univ. Ser. A (Japan)
Science Reports of the Saitama University, Series A (Mathematics, Physics and Chemistry) Urawa, Japan.

Sci. Rep. Tohoku Univ. Eighth Ser. Phys. & Astron. (Japan)
Science Reports of the Tohoku University, Eighth Series, Physics and Astronomy Faculty of Science, Tohoku University, Sendai 980, Japan.

Sci. Rep. Tohoku Univ. I (Japan)
Science Reports of the Tohoku University, First Series Library, Department of Chemistry, Faculty of Science, Tohoku University, Sendai 980, Japan.

Sci. Rep. Yokohama Natl. Univ. Sect. I (Japan)
Science Reports of the Yokohama National University, Section I (Mathematics, Physics and Chemistry) Faculty of Liberal Arts and Education, Yokohama National University, Tokiwadai 156, Hodogaya-ku, Yokohama 240, Japan.

Sci. Rev. (Yugoslavia)
Scienca Revuo Prof. B. Popovic, Ognjena Price 80, Beograd, Yugoslavia.

Sci. Sin. Ser. A (China)
Scientia Sinica, Series A (Mathematical, Physical, Astronomical & Technical Sciences) Science Press, No. 137, Chaoyangmennei Street, Beijing, People's Republic of China.

Sci. Sintering (Yugoslavia)
Science of Sintering Yugoslav Committee for ETAN, P.O. Box 356 (ETAN), 11001 Beograd, Yugoslavia.

Sci. Tools (Sweden)
Science Tools [Issued with: *LKB News Sci. Tools (Sweden)*]

Scicon Software & Serv. Rev. (GB)
Scicon Software & Services Review Scicon Ltd., 49 Berners Street, London W1P 4AQ, England.

Science (USA)
Science American Association for the Advancement of Science, 1515 Massachusetts Avenue N.W., Washington, DC 20005, USA.

Scientia (Chile)
Scientia Universidad Tecnica Federico Santa Maria, Casilla 110-V, Valparaiso, Chile.

Scientometrics (Netherlands)
Scientometrics Elsevier Scientific Publishing Co., P.O. Box 330, 1000 AH Amsterdam, Netherlands.

Scope (USA)
Scope Paradigm Press, P.O.Box 1057, Osprey, FL 33559, USA.

Scott Rep. (USA)
Scott Report [Title changed to: *Scott Rep. Comput. Law (USA)*]

Scott Rep. Comput. Law (USA)
Scott Report on Computer Law [Formerly: *Scott Rep. (USA)*] Law & Technology Press, 1112 Ocean Drive, Suite 103, P.O.Box 3280, Manhattan Beach, CA 90266, USA.

Scr. Fac. Sci. Nat. Univ. Purkynianae Brunensis Phys. (Czechoslovakia)
Scripta Facultatis Scientiarum Naturalium Universitatis Purkynianae Brunensis, Physica University J.E. Purkyne, 61137 Brno-Kotlarska 2, Czechoslovakia.

Scr. Metall. (USA)
Scripta Metallurgica Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523, USA.

Sdelovaci Tech. (Czechoslovakia)
Sdelovaci Technika SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia.

Seisan Kenkyu (Japan)
Seisan Kenkyu Institute of Industrial Science, University of Tokyo, 7-22-1 Roppongi, Minato-ku, Tokyo 106, Japan.

Seism. Instrum. (USA)
Seismic Instruments [Translation of: *Seism. Prib. Instrum. Sredstva Seism. Nabl. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Seism. Prib. Instrum. Sredstva Seism. Nabl. (USSR)
Seismicheskie Pribory: Instrumental'naye Sredstva Seismicheskikh Nablyudenii [English translation in: *Seism. Instrum. (USA)*] Izdatel'stvo 'Nauka', Moskva, USSR.
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Seismol. & Geol. (China)
Seismology and Geology Seismological Press. Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, People's Republic of China.

Seismol. Ser. Earth Phys. Branch (Canada)
Seismological Series of the Earth Physics Branch Department of Energy, Mines and Resources, Ottawa, Canada.

Semicond. Int. (USA)
Semiconductor International Cahners Publishing Co., 270 St. Paul Street, Denver, CO 80206, USA.

Semicond. Sci. & Technol. (GB)
Semiconductor Science and Technology Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England.

Sens. & Actuators (Switzerland)
Sensors and Actuators Elsevier Sequoia S.A., P.O.Box 851, 1001 Lausanne 1, Switzerland.

Sensor Rev. (GB)
Sensor Review IFS (Publications) Ltd., 35-39 High Street, Kempston, Bedford MK42 7BT, England.

Serbian Acad. Sci. & Arts, Monogr., Dep. Tech. Sci. (Yugoslavia)
Serbian Academy of Sciences and Arts, Monographs, Department of Technical Sciences 11000 Beograd, Kniz Mihailova 35, Yugoslavia.

Seybold Outlook Prof. Comput. (USA)
Seybold Outlook on Professional Computing [Formerly: *Seybold Rep. Prof. Comput. (USA)*] Seybold Group Inc., 20695 Western Avenue, Suite 132, Torrance, CA 90151, USA.

Seybold Rep. Desktop Publ. (USA)
Seybold Report on Desktop Publishing Seybold Publications Inc., P.O.Box 644, Media, PA 19063, USA.

Seybold Rep. Off. Syst. (USA)
Seybold Report on Office Systems [Title changed to: *Patty Seybold's Off. Syst. Rep. (USA)*]

Seybold Rep. Prof. Comput. (USA)
Seybold Report on Professional Computing [Title changed to: *Seybold Outlook Prof. Comput. (USA)*]

Seybold Rep. Publ. Syst. (USA)
Seybold Report on Publishing Systems Seybold Publications Inc., P.O.Box 644, Media, PA 19063, USA.

Shanghai Jiaotong Daxue Xuebao (China)
Shanghai Jiaotong Daxue Xuebao (Journal of Shanghai Chiao-Tung University) Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, People's Republic of China.

Sharp Tech. J. (Japan)
Sharp Technical Journal Sharp Co. Ltd., 2613-1 Ichinomoto, Tenri, Nara 632, Japan.

SHD Storage-Handl.-Distrib. (GB)
SHD Storage-Handling-Distribution Turret Press Ltd., 886 High Road, Finchley, London N12 9SB, England.

Shimadzu Rev. (Japan)
Shimadzu Review Shimadzu Corp., Kawaramachi Nijo, Nakagyo-ku, Kyoto, Japan.

Shingo Hoan (Japan)
Shingo Hoan Shingo Hoan Kyoukai, 4-14-7 Ginza, Chuo-ku, Tokyo 104, Japan.

Shinko Electr. J. (Japan)
Shinko Electric Journal Shinko Electric Co. Ltd., Asahi Building, 3-12-2 Nihonbashi, Chuo-ku, Tokyo 103, Japan.

Short Wave Mag. (GB)
Short Wave Magazine Short Wave Magazines Ltd., 34 High Street, Welwyn, Herts. AL6 9EQ, England.

Showa Wire & Cable Rev. (Japan)
Showa Wire and Cable Review Showa Electric Wire and Cable Co. Ltd., Tokyo Toranomon Building, No. 10, Shiba-Toranomon, Minato-ku, Tokyo, Japan.

SIAM J. Algebraic & Discrete Methods (USA)
SIAM Journal of Algebraic and Discrete Methods SIAM Publications, 1405 Architects Building, 117 South 17th Street, Philadelphia, PA 19103, USA.

SIAM J. Appl. Math. (USA)
SIAM Journal on Applied Mathematics Society for Industrial and Applied Mathematics, 117 South 17th Street, Philadelphia, PA 19103, USA.

SIAM J. Comput. (USA)
SIAM Journal on Computing SIAM Publications, 1405 Architects Building, 117 South 17th Street, Philadelphia, PA 19103, USA.

SIAM J. Control & Optimiz. (USA)
SIAM Journal on Control and Optimization SIAM Publications, 117 South 17th Street, Philadelphia, PA 19103, USA.

SIAM J. Math. Anal. (USA)
SIAM Journal on Mathematical Analysis SIAM Publications, 117 South 17th Street, Philadelphia, PA 19103, USA.

SIAM J. Numer. Anal. (USA)
SIAM Journal on Numerical Analysis SIAM Publications, 117 South 17th Street, Philadelphia, PA 19103, USA.

SIAM J. Sci. & Stat. Comput. (USA)
SIAM Journal on Scientific and Statistical Computing SIAM Publications, 1405 Architects Building, 117 South 17th Street, Philadelphia, PA 19103, USA.

SIAM Rev. (USA)
SIAM Review SIAM Publications, 117 South 17th Street, Philadelphia, PA 19103, USA.

Siderurgia (Argentina)
Siderurgia Instituto Argentino de Siderurgia, Avda. Eduardo Madero 1020, Capital, Anexo Edificio Conurban 1 y 2, Piso, Argentina.

Siemens-Albis Ber. (Switzerland)
Siemens-Albis Berichte Siemens-Albis Aktiengesellschaft, Albisriederstrasse 245, 8047 Zurich, Switzerland.

Siemens Components (Engl. Ed.) (Germany)
Siemens Components (English Edition) Siemens Aktiengesellschaft, Hellabrunner Strasse 1, 8000 Munchen 90, Germany.

Siemens Forsch.- & Entwicklungsber. (Germany)
Siemens Forschungs- und Entwicklungsberichte (Research and Development Reports) Springer-Verlag, D-1 Berlin 33, Heidelberger Platz 3, Germany.

Siemens Power Eng. & Autom. (Germany)
Siemens Power Engineering & Automation Siemens Aktiengesellschaft, Postfach 3240, D-8520 Erlangen 2, Germany.

Siemens Rev. (Germany)
Siemens Review Siemens-Aktiengesellschaft, Postfach 3240, 8520 Erlangen 2, Germany.

SIGACT News (USA)
SIGACT News Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

SIGART Newsl. (USA)
SIGART Newsletter Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

SIGBIO Newsl. (USA)
SIGBIO Newsletter Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

SIGCAPH Newsl. (USA)
SIGCAPH Newsletter Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

SIGCHI Bull. (USA)
SIGCHI Bulletin Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

SIGCSE Bull. (USA)
SIGCSE Bulletin Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

SIGCUE Bull. (USA)
SIGCUE Bulletin [Title changed to: *SIGCUE Outlook (USA)*]

SIGCUE Outlook (USA)
SIGCUE Outlook [Formerly: *SIGCUE Bull. (USA)*] Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

SIGDA Newsl. (USA)
SIGDA Newsletter Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

SIGIR Forum (USA)
SIGIR Forum Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

SIGMICRO Newsl. (USA)
SIGMICRO Newsletter [Title changed to: *SIGMICRO TC-MICRO Newsl. (USA)*]

SIGMICRO TC-MICRO Newsl. (USA)
SIGMICRO TC-MICRO Newsletter [Formerly: *SIGMICRO Newsl. (USA)*] Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

SIGMOD Rec. (USA)
SIGMOD Record Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

Signal (USA)
Signal Armed Forces Communications and Electronics Association, Skyline Center, 5205 Leesburg Pike, Falls Church, Va 22041, USA.

Signal & Draht (Germany)
Signal und Draht Dr. Arthur Tetzlaff-Verlag, 6000 Frankfurt (Main) 1, Niddastrasse 64, Germany.

Signal & Schiene (Germany)
Signal und Schiene 108 Berlin, Franzosische Strasse 13/14, Germany.

Signal Process. (Netherlands)
Signal Processing North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

SIGNUM Newsl. (USA)
SIGNUM Newsletter Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

SIGOA Bull. (USA)
SIGOA Bulletin Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

SIGPLAN Not. (USA)
SIGPLAN Notices Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

SIGSAM Bull. (USA)
SIGSAM Bulletin Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

SIGSMALL/PC Notes (USA)
SIGSMALL/PC Notes Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.
Formed by merger of SIGSMALL Newsletter and SIGPC Notes

SIGSOFT Software Eng. Not. (USA)
SIGSOFT Software Engineering Notes Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

SIGUCCS Newsl. (USA)
SIGUCCS Newsletter Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

Silicon Des. (GB)
Silicon Design Micro Forecast, 31-33 High Holborn, London WC1V 6BD, England.

Silikaty (Czechoslovakia)
Silikaty Academia, Publishing House of the Czechoslovak Academy of Sciences, Vodickova 40, 112 29 Praha 1, Czechoslovakia.

Simon Stevin (Belgium)
Simon Stevin De Natuur-en Geneeskundige Vennootschap, Krijgslaan 271, B-9000 Gent, Belgium.

SIMULA Newsl. (Norway)
SIMULA Newsletter Simula A.S., Postbox 150, Refstad, 0513 Oslo 5, Norway.

Simulation (USA)
Simulation Simulation Councils Inc., P.O. Box 2228, La Jolla, CA 92037, USA.

Simulation & Games (USA)
Simulation & Games Sage Publications, 275 South Beverly Drive, Beverly Hills, CA 90212, USA.

Simuletter (USA)
Simuletter Association for Computing Machinery, 11 West 42nd Street, New York, NY 10036, USA.

SIN Newsl. (Switzerland)
SIN Newsletter Schweizerisches Institut fur Nuklearforschung, 5234 Villigen, Switzerland.

Sinclair User (GB)
Sinclair User EMAP Business & Computer Publications, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU, England.

Singapore J. Phys.
Singapore Journal of Physics Institute of Physics, Singapore, c/o Department of Physics, National University of Singapore, Kent Ridge, Singapore 0511, Singapore.

Sist. & Autom. (Italy)
Sistemi e Automazione Editrice E.S.T.E., Edizioni Scientifiche Tecniche Europee S.p.A., 20127 Milano, Via S.A. Sauli 3, Italy.

Sitzungsber. Oesterr. Akad. Wiss. Math.-Naturwiss. Kl. Abt. II (Austria)
Sitzungsberichte. Osterreichische Akademie der Wissenschaften, Mathematisch-Naturwissenschaftliche Klasse, Abteilung II (Mathematische, Physikalische und Technische Wissenschaften) Dr.-Ignaz-Seipel-Platz 2, A-1010 Wien. Publication address: Springer-Verlag KG, Molkerbastei 5, A-1010 Wien, Austria.

Skoda Rev. (Czechoslovakia)
Skoda Review Ul. 28. rijna 13, Praha 1, Czechoslovakia.

Skr. Nor. Vidensk.-Akad. Oslo I (Norway)
Skrifter utgitt av det Norske Videnskaps-Akademi i Oslo. I. Mathematisk-Naturvidenskaplige Klasse Faculty of Mathematics and Science, University of Oslo, Blindern per Oslo, Norway.

Sky & Telesc. (USA)
Sky and Telescope Sky Publishing Corp., 49-50-51 Bay State Road, Cambridge, MA 02138, USA.

Slaboproudy Obz. (Czechoslovakia)
Slaboproudy Obzor SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia.

Sloan Manage. Rev. (USA)
Sloan Management Review Sloan Management Review Association, Alfred P. Sloan School of Management, Massachusetts Institute of Technology, 50 Memorial Drive, Cambridge, MA 02139, USA.

Small Bus. Comput. (USA)
Small Business Computers P.O.Box 633, Holmes, PA 19043, USA.

Small Bus. Comput. News (USA)
Small Business Computer News Management Information Corp., 401 East Route 70, Cherry Hill, NJ 08034, USA.

Small Comput. Libr. (USA)
Small Computers in Libraries Meckler Publishing, 11 Ferry Lane West, Westport, CT 06880, USA.

Small Syst. World (USA)
Small Systems World [Title changed to: *Syst. 3X World (USA)*]

SMPTE J. (USA)
SMPTE Journal Society of Motion Picture and Television Engineers, 868 Scarsdale Avenue, Scarsdale, NY 10583, USA.

Soc. Sci. Inf. Stud. (GB)
Social Science Information Studies [Title changed to: *Int. J. Inf. Manage. (GB)*]

SoftSide (USA)
SoftSide SoftSide Publications, 6 South Street, Milford, NH 03055, USA.

Software & Microsyst. (GB)
Software & Microsystems [Title changed to: *Software Eng. J. (GB)*]

Software Eng. J. (GB)
Software Engineering Journal [Formerly: *Software & Microsyst. (GB)*] Published for the British Computer Society and the Institution of Electrical Engineers by the Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, England.

Software News (USA)
Software News Sentry Database Publishing, 5 Kane Industrial Drive, Hudson, MA 01749, USA.

Software-Pract. & Exper. (GB)
Software - Practice and Experience John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, England.

Software Prot. (USA)
Software Protection Law & Technology Press, 1112 Ocean Drive, Suite 201, Manhattan Beach, CA 90266, USA.

Software World (GB)
Software World A.P. Publications Ltd., 5th Floor, 361 City Road, London EC1V 1LY, England.

Soil Dyn. & Earthquake Eng. (GB)
Soil Dynamics and Earthquake Engineering CML Publications, Ashurst Lodge, Ashurst, Southampton SO4 2AA, England.

Sol. & Wind Technol. (GB)
Solar & Wind Technology Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Sol. Age (USA)
Solar Age [Title changed to: *Prog. Build. (USA)*]

Sol. Cells (Switzerland)
Solar Cells Elsevier Sequoia S.A., P.O. Box 851, 1001 Lausanne 1, Switzerland.

Sol. Energy (USA)
Solar Energy Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523, USA.

Sol. Energy Mater. (Netherlands)
Solar Energy Materials North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Sol. Phys. (Netherlands)
Solar Physics D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands.

Sol. Syst. Res. (USA)
Solar System Research [Translation of: *Astron. Vestn. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Sol. Terr. Environ. Res. Jpn. (Japan)
Solar Terrestrial Environmental Research in Japan Institute of Space and Aeronautical Science, University of Tokyo, 4-6-1, Komaba, Meguro-ku, Tokyo 153, Japan.

Solid State Commun. (USA)
Solid State Communications Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523, USA.
Supplement to Journal of Physics and Chemistry of Solids

Solid-State Electron. (GB)
Solid-State Electronics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Solid State Ionics (Netherlands)
Solid State Ionics [Title changed to: *Solid State Ionics Diffus. & React. (Netherlands)*]

Solid State Ionics Diffus. & React. (Netherlands)
Solid State Ionics, Diffusion & Reactions [Formerly: *Solid State Ionics (Netherlands)*] Elsevier Science Publishers B.V. (North-Holland Physics Publishing Division), P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Solid State Phys. (Japan)
Solid State Physics Agne Gijutsu Center, Kitamura Bldg., 5-1-25, Minamiayama, Minatoku, Tokyo, Japan.

Solid State Technol. (USA)
Solid State Technology Cowan Publishing Co., 14 Vanderventer Avenue, Port Washington, Long Island, NY 11050, USA.

Solutions (Eur. Ed.) (USA)
Solutions (European Edition) Intel Corp., 3065 Bowers Avenue, Santa Clara, CA 95051, USA.

Souder (France)
Souder Editions GEAD, 79 Rue du Faubourg Poissonniere, 75009 Paris, France.

Souken Houkoku (Japan)
Souken Houkoku Technical Research Centre, Kansai Electric Power Co. Inc., 3-11-20 Nakoji, Amagasaki, Osaka 661, Japan.

Sound (Switzerland)
Sound AT Fachschriftenverlag, Bahnhofstrasse 39-43, CH-5001 Aarau, Switzerland.

Sound & Vib. (USA)
Sound and Vibration Acoustical Publications Inc., 27101 East Oviatt Road, Bay Village, OH 44140, USA.

Sov. Aeronaut. (USA)
Soviet Aeronautics [Translation of: *Izv. VUZ Aviats. Tekh. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Sov. Appl. Mech. (USA)
Soviet Applied Mechanics [Translation of: *Prikl. Mekh. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Sov. Astron. (USA)
Soviet Astronomy [Translation of: *Astron. Zh. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Sov. Astron. Lett. (USA)
Soviet Astronomy Letters [Translation of: *Pis'ma v Astron. Zh. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.
INSPEC coverage is from original Russian journal

Sov. At. Energy (USA)
Soviet Atomic Energy [Translation of: *At. Energ. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Sov. Autom. Control (USA)
Soviet Automatic Control [Title changed to: *Sov. J. Autom. & Inf. Sci. (USA)*]

Sov. Electr. Eng. (USA)
Soviet Electrical Engineering [Translation of: *Elektrotekhnika (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Sov. Electrochem. (USA)
Soviet Electrochemistry [Translation of: *Elektrokhimiya (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Sov. Eng. Res. (GB)
Soviet Engineering Research Production Engineering Research Association, Melton Mowbray, Leics, England.
Combined selective translation of Vestnik Mashinostroeniya and Stanki i Instrument. Formed by merger of Machines and Tooling and Russian Engineering Journal

Sov. Geol. & Geophys. (USA)
Soviet Geology and Geophysics [Translation of: *Geol. & Geofiz. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Sov. J. Autom. & Inf. Sci. (USA)
Soviet Journal of Automation and Information Science [Formerly: *Sov. Autom. Control (USA)*; Translation of: *Avtomatika (USSR)*] Scripta Technica Inc., 7961 Eastern Avenue, Silver Spring, MD 20910, USA.

Sov. J. Chem. Phys. (GB)
Soviet Journal of Chemical Physics [Translation of: *Khim. Fiz. (USSR)*] Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Sov. J. Commun. Technol. & Electron. (USA)
Soviet Journal of Communications Technology & Electronics [Formerly: *Radio Eng. & Electron. Phys. (USA)*; Translation of: *Radiotekh. & Elektron. (USSR)*] Scripta Technica Inc., 7961 Eastern Avenue, Silver Spring, MD 20910, USA.

Sov. J. Comput. & Syst. Sci. (USA)
Soviet Journal of Computer and Systems Sciences [Formerly: *Eng. Cybern. (USA)*; Translation of: *Tekh. Kibern. (USSR)*] Scripta Technica Inc., 7961 Eastern Avenue, Silver Spring, MD 20910, USA.

Sov. J. Contemp. Phys. (USA)
Soviet Journal of Contemporary Physics [Translation of: *Izv. Akad. Nauk Arm. SSR Fiz. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Sov. J. Frict. & Wear (USA)
Soviet Journal of Friction and Wear [Translation of: *Trenie & Iznos (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Sov. J. Glass Phys. & Chem. (USA)
Soviet Journal of Glass Physics and Chemistry [Translation of: *Fiz. & Khim. Stekla (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Sov. J. Low Temp. Phys. (USA)
Soviet Journal of Low Temperature Physics [Translation of: *Fiz. Nizk. Temp. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.
INSPEC coverage is from original Russian journal

Sov. J. Nondestr. Test. (USA)
Soviet Journal of Nondestructive Testing [Translation of: *Defektoskopiya (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Sov. J. Nucl. Phys. (USA)
Soviet Journal of Nuclear Physics [Translation of: *Yad. Fiz. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Sov. J. Opt. Technol. (USA)
Soviet Journal of Optical Technology [Translation of: *Opt.-Mekh. Prom.-st. (USSR)*] Published for the Optical Society of America by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Sov. J. Part. & Nucl. (USA)
Soviet Journal of Particles and Nuclei [Translation of: *Fiz. Elem. Chastits & At. Yadra (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Sov. J. Plasma Phys. (USA)
Soviet Journal of Plasma Physics [Translation of: *Fiz. Plazmy (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Sov. J. Quantum Electron. (USA)
Soviet Journal of Quantum Electronics [Translation of: *Kvantovaya Elektron., Moskva (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Sov. J. Remote Sensing (Switzerland)
Soviet Journal of Remote Sensing [Translation of: *Issled. Zemli iz Kosmosa (USSR)*] Harwood Academic Publishers GmbH, Poststrasse 22, CH-7000 Chur, Switzerland.

Sov. Mater. Sci. (USA)
Soviet Materials Science [Translation of: *Fiz.-Khim. Mekh. Mater. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Sov. Math. (USA)
Soviet Mathematics [Translation of: *Izv. VUZ Mat. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Sov. Meteorol. & Hydrol. (USA)
Soviet Meteorology and Hydrology [Translation of: *Meteorol. & Gidrol. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Sov. Microelectron. (USA)
Soviet Microelectronics [Translation of: *Mikroelektronika (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Sov. Phys.-Acoust. (USA)
Soviet Physics-Acoustics [Translation of: *Akust. Zh. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Sov. Phys.-Collect. (USA)
Soviet Physics-Collection [Translation of: *Litov. Fiz. Sb. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Sov. Phys.-Crystallogr. (USA)
Soviet Physics-Crystallography [Translation of: *Kristallografiya (USSR)*] Published by the American Institute of Physics with the cooperation of the American Crystallographic Association. Subscription address; American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Sov. Phys.-Dokl. (USA)
Soviet Physics-Doklady [Translation of: *Dokl. Akad. Nauk SSSR*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Sov. Phys. J. (USA)
Soviet Physics Journal [Translation of: *Izv. VUZ Fiz. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Sov. Phys.-JETP (USA)
Soviet Physics-JETP [Translation of: *Zh. Eksp. & Teor. Fiz. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Sov. Phys.-Lebedev Inst. Rep. (USA)
Soviet Physics - Lebedev Institute Reports [Translation of: *Sb. Kratk. Soobshch. Fiz. AN SSSR Fiz. Inst. P.N. Lebedeva*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Sov. Phys.-Semicond. (USA)
Soviet Physics-Semiconductors [Translation of: *Fiz. & Tekh. Poluprovodn. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Sov. Phys.-Solid State (USA)
Soviet Physics-Solid State [Translation of: *Fiz. Tverd. Tela (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Sov. Phys.-Tech. Phys. (USA)
Soviet Physics-Technical Physics [Translation of: *Zh. Tekh. Fiz. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Sov. Phys.-Usp. (USA)
Soviet Physics-Uspekhi [Translation of: *Usp. Fiz. Nauk (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Sov. Powder Metall. & Met. Ceram. (USA)
Soviet Powder Metallurgy and Metal Ceramics [Translation of: *Poroshk. Metall. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Sov. Power Eng. (USA)
Soviet Power Engineering [Translation of: *Elektr. Stantsii (USSR)*] Ralph McElroy Co. Inc., 2102 Rio Grande, Austin, TX 78712, USA.

Sov. Tech. Phys. Lett. (USA)
Soviet Technical Physics Letters [Translation of: *Pis'ma v Zh. Tekh. Fiz. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Space Commun. & Broadcast. (Netherlands)
Space Communication and Broadcasting North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Space Power (GB)
Space Power [Formerly: *Space Sol. Power Rev. (GB)*] Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England.

Space Sci. Rev. (Netherlands)
Space Science Reviews D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands.

Space Sol. Power Rev. (GB)
Space Solar Power Review [Title changed to: *Space Power (GB)*]

Spec. Collect. (USA)
Special Collections Haworth Press Inc., 28 East 22 Street, New York, NY 10010, USA.

Spec. Libr. (USA)
Special Libraries Special Libraries Association, 1700 18th Street, N.W., Washington, DC 20009, USA.

Spectrochim. Acta Part A (GB)
Spectrochimica Acta, Part A (Molecular Spectroscopy) Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England.

Spectrochim. Acta Part B (GB)
Spectrochimica Acta, Part B (Atomic Spectroscopy) Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England.

Spectrosc. Lett. (USA)
Spectroscopy Letters Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA.

Speculations Sci. & Technol. (GB)
Speculations in Science and Technology Science and Technology Letters, 12 Clarence Road, Kew, Surrey TW9 3NL, England.

Speech Commun. (Netherlands)
Speech Communication North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Speech Technol. (USA)
Speech Technology Media Dimensions Inc., 525 East 82nd Street, New York, NY 10028, USA.

Sprache & Datenverarb. (Germany)
Sprache und Datenverarbeitung Max Niemeyer Verlag, D-7400 Tubingen, Postfach 2140, Germany.

Sprecher News (Switzerland)
Sprecher News Sprecher & Schuh AG, Redaktion Neues von Sprecher, CH-5000 Zurich, Switzerland.

SRBE-KBVE (Belgium)
SRBE-KBVE (Societe Royale Belge des Electriciens-Koninklijke Belgische Vereniging der Electrotechnici) Place du Trone 1, B-1000 Bruxelles, Belgium.
Formed by merger of Bulletin de la Societe Royale Belge des Electriciens and Revue E

Stahl & Eisen (Germany)
Stahl und Eisen Verlag Stahleisen mbH, Postfach 82 29, Breite Strasse 27, D-4000 Dusseldorf 1, Germany.

Stanki & Instrum. (USSR)
Stanki i Instrument Mashinostroenie, ul. 25 Oktyabrya, d. 10, Moskva, K-12, USSR.
Translation of selected articles appear in Soviet Engineering Research

Statistician (GB)
Statistician (Journal of the Institute of Statisticians) Longman Group Ltd., 6th Floor, Westgate House, The High, Harlow, Essex CM20 1NE, England.

Statistics (Germany)
Statistics Akademie-Verlag, DDR-1086 Berlin, Leipziger Strasse 3-4, Germany.

Steel Res. (Germany)
Steel Research Verlag Stahleisen mbH, Postfach 82 29, Breite Strasse 27, D-4000 Dusseldorf 1, Germany.

Steklo & Keram. (USSR)
Steklo i Keramika [English translation in: *Glass & Ceram. (USA)*] Kusnetskii Most, d. 20, Moskva, K-31, USSR.
INSPEC coverage is from English translation

Stochastic Processes & Appl. (Netherlands)
Stochastic Processes & their Applications North-Holland Publishing Co., Journal Division, P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Stochastics (GB)
Stochastics Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Strain (GB)
Strain British Society for Strain Measurement, 281 Heaton Road, Newcastle upon Tyne, NE6 5QB, England.

Strength Mater. (USA)
Strength of Materials [Translation of: *Probl. Prochn. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Strompraxis (Germany)
Strompraxis Verlags- und Wirtschaftsgesellschaft der Elektrizitatswerke mbH-VWEW, 6000 Frankfurt (Main) 70, Stresemannallee 23, Germany.

Stud. & Cercet. Calc. Econ. & Cibern. Econ. (Rumania)
Studii si Cercetari de Calcul Economic si Cibernetica Economica Catedra de Cibernetica Economica, Academia de Studii Economice, Bucuresti, Rumania.

Stud. & Cercet. Doc. (Rumania)
Studii si Cercetari de Documentare Ministerul Educatiei si Invatamintului, Str. Gutenberg Nr. 6 bis, Sector 6, Bucuresti, Rumania.

Stud. & Cercet. Fiz. (Rumania)
Studii si Cercetari de Fizica Academia Republicii Populare Romine. P.O. Box 134-5, Calca Victoriei 126, Bucuresti, Rumania.

Stud. & Cercet. Geol. Geofiz. Geogr. Ser. Geofiz. (Rumania)
Studii si Cercetari de Geologie, Geofizica, Geografie. Seria Geofizica Subscription address: Rompresfilatelia, Boite Postale 2001, Bucuresti, Rumania.

Stud. Appl. Math. (USA)
Studies in Applied Mathematics American Elsevier Publishing Co., 52 Vanderbilt Avenue, New York, NY 10017, USA.

Stud. Geophys. & Geod. (Czechoslovakia)
Studia Geophysica et Geodaetica Publishing House Academia, Vodickova 40, 112 29 Praha 1, Czechoslovakia.

Stud. Hist. & Philos. Sci. (GB)
Studies in History and Philosophy of Science Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Stud. J. Inst. Electron. & Telecommun. Eng. (India)
Students' Journal of the Institution of Electronics & Telecommunication Engineers Plot no. 2, Insitutional Area, Lodi Road, New Delhi 110 003, India.

Sulzer Tech. Rev. (Switzerland)
Sulzer Technical Review Sulzer Brothers Ltd., Winterthur, Switzerland.

Sumitomo Electr. Tech. Rev. (Japan)
Sumitomo Electric Technical Review Sumitomo Electric Industries Ltd., 15 Kitahama 5-chome, Higashi-ku, Osaka 541, Japan.
Not covered during the period 1974 to 1979

Sumitomo Search (Japan)
Sumitomo Search Sumitomo Metal Industries Ltd., 15 Kitahama 5-chome, Higasgh-ku, Osaka 541, Japan.

Superlattices & Microstruct. (GB)
Superlattices and Microstructures Academic Press Inc. (London) Ltd., 24-28 Oval Road, London NW1 7DX, England.

Surf. & Coatings Technol. (Switzerland)
Surface and Coatings Technology [Formerly: *Surf. Technol. (Switzerland)*] Elsevier Sequoia S.A., P.O.Box 851, CH-1001 Lausanne 1, Switzerland.

Surf. & Interface Anal. (GB)
Surface and Interface Analysis Wiley Heyden Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, England.

Surf. Eng. (GB)
Surface Engineering Institute of Metals and the Wolfson Institute for Surface Engineering, 1 Carlton House Terrace, London SW1Y 5DB, England.

Surf. Mount Technol. (USA)
Surface Mount Technology Lake Publishing Corp., 17730 West Peterson Road, Box 159, Libertyville, IL 60048, USA.
Supplement to Electri.onics

Surf. Sci. (Netherlands)
Surface Science North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Surf. Sci. Rep. (Netherlands)
Surface Science Reports North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Surf. Technol. (Switzerland)
Surface Technology [Title changed to: *Surf. & Coatings Technol. (Switzerland)*]

Surv. Bus. Univ. Tennessee (USA)
Survey of Business, University of Tennessee College of Business Administration, Center for Business and Economic Research, University of Tennessee, Knoxville, TN 37916, USA.

Surv. Geophys. (Netherlands)
Surveys in Geophysics [Formerly: *Geophys. Surv. (Netherlands)*] D. Reidel Publishing Co., P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Surv. High Energy Phys. (Switzerland)
Surveys in High Energy Physics Harwood Academic Publishers GmbH, Poststrasse 22, CH-7000 Chur, Switzerland.

Svar. Proizvod. (USSR)
Svarochnoe Proizvodstvo [English translation in: *Weld. Prod. (GB)*] Mashinostroenie, Moskva, I-110 GSP, Nrosnekt Mura, d. 106, USSR.
INSPEC coverage is from English translation

Sven. Kraftverksfoeren. Publ. (Sweden)
Svenska Kraftverksforeningens Publikationer Birger Jarlsgatan 41a, 111 45 Stockholm, Sweden.

Sven. Kraftverksfoeren. Publ. Medd. (Sweden)
Svenska Kraftverksforeningens Publikationer Meddelande Birger Jarlsgatan 41b, 111 45 Stockholm, Sweden.

Svetotekhnika (USSR)
Svetotekhnika Agent: Mezhdunarodnaya Kniga, Moskva, USSR.

Svetsaren (Sweden)
Svetsaren (English Edition) ESAB, Box 8850, S-402 71 Goteborg 8, Sweden.

Synth. Met. (Switzerland)
Synthetic Metals Elsevier Sequoia S.A., P.O. Box 851, 1001 Lausanne 1, Switzerland.

Sysdata (Switzerland)
Sysdata Verlag Binkert AG, 4335 Laufenburg, Postfach 32, Switzerland.

Syst. & Comput. Jpn. (USA)
Systems and Computers in Japan [Formerly: *Syst.-Comput.-Controls (USA)*] Scripta Technica Inc., 7961 Eastern Avenue, Silver Spring, MD 20910, USA.
English translation of selected articles from Transactions of the Institute of Electronics and Communications Engineers of Japan, Parts A,B,C and D

Syst. & Control (Japan)
Systems and Control Japan Association of Automatic Control Engineers, 14 Kawahara-cho, Yoshida, Sakyo-Ku-Kyoho 606, Japan.

Syst. & Control Lett. (Netherlands)
Systems & Control Letters North-Holland Publishing Co., P.O.Box 103, 1000 AC Amsterdam, Netherlands.

Syst. & Software (USA)
Systems & Software Hayden Publishing Co. Inc., 50 Essex Street, Rochelle Park, NJ 07662, USA.

Syst. 3X World (USA)
Systems 3X World [Formerly: *Small Syst. World (USA)*] Hunter Publishing Co., 950 Lee Street, Des Plaines, IL 60016, USA.

Syst. Anal. Modelling Simulation (Germany)
Systems Analysis - Modelling - Simulation Akademie-Verlag, DDR-1086 Berlin, Leipziger Strasse 3-4, Germany.

Syst.-Comput.-Controls (USA)
System-Computers-Controls [Title changed to: *Syst. & Comput. Jpn. (USA)*]

Syst. Dev. (USA)
System Development Applied Computer Research Inc., P.O.Box 9280, Phoenix, AZ 85068, USA.

Syst. Dyn. Rev. (USA)
System Dynamics Review System Dynamics Society, Massachusetts Institute of Technology, E40-294, Cambridge, MA 02139, USA.

Syst. Int. (GB)
Systems International IPC Electrical Electronic Press Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, England.

Syst. Logiques (Switzerland)
Systemes Logiques Chaire de Systemes Logiques, Ecole Polytechnique Federale, 16 Chemin de Bellerive, ch-1007 Lausanne, Switzerland.
Publication temporarily suspended

Syst., Objectives, Solutions (Netherlands)
Systems, Objectives, Solutions North-Holland Publishing Co., P.O.Box 211, 1000 AE Amsterdam, Netherlands.
Merged into Information and Management

Syst. Res. (GB)
Systems Research Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Syst. Sci. (Poland)
Systems Science Editorial address: Institute of Technical Cybernetics, Wroclaw Technical University, ul. Janiszewskiego 11/17, 50-372 Wroclaw, Poland.

Syst. Tech. Rep. (Japan)
Systems Technical Report Japan Univac Users Association, 2-17-51 Akasaka, Minato-ku, Tokyo 107, Japan.

Syst. Technol. (GB)
Systems Technology Plessey Co. Ltd., Ilford, Essex, England.

Syst. User (USA)
Systems User Caulfield Publishing Ltd., 60 South Main Street, Janesville, WI 53545, USA.

Systems (S. Africa)
Systems Systems Publishers (Pty.) Ltd., Systems House (Northwards), 368 Jan Smuts Avenue, Craighall Park, Johannesburg, South Africa.

Szigma (Hungary)
Szigma Akademiai Kiado, 1363 Budapest V, Alkotmany u. 21, Hungary.

Szklo & Ceram. (Poland)
Szklo i Ceramika Warszawa 1, Mokotowska 4/6, pok 40, Poland.

Takaoka Rev. (Japan)
Takaoka Review Takaoka Electric Manufacturing Co. Ltd., 2-2-1 Otemachi, Chiyoda-ku, Tokyo 100, Japan.

Takenaka Tech. Res. Rep. (Japan)
Takenaka Technical Research Report Takenaka Komuten Co. Ltd., 27 4-chome, Hommachi, Higashi-ku, Osaka, Japan.

Tanulmanyok Magy. Tud. Akad. Szamitastech. & Autom. Kut. Intez. (Hungary)
Tanulmanyok Magyar Tudomanyos Akademia Szamitastechnikai es Automatizalasi Kutato Intezet MTA Szamitastechnikai es Automatizulasi Kutato Intezet/ Computer and Automation Institute, Hungarian Academy of Sciences, 1502 Budapest, Kende u. 13-17, Pf. 63, Hungary.

TE Int. (Italy)
TE International [Issued with: *Tecnol. Elettr. (Italy)*]

Tec. Ital. (Italy)
Tecnica Italiana Via Matteotti 55, 34071 Cormons (Gorizia), Italy.

Tech. & Sci. Inf. (France)
Technique et Science Informatiques [English translation in: *Technol. & Sci. Inf. (GB)*] AFCET, Division TTI, 156 Boulevard Pereire, 75017 Paris, France.
INSPEC coverage from vol.2, no.5 (1983) - vol.3, no.5 (1984) from English translation

Tech. Bull. Vevey (Switzerland)
Technical Bulletin Vevey Vevey Engineering Works Ltd., CH-1800 Vevey, Switzerland.

Tech. Chron. (Greece)
Technika Chronika Technical Chamber of Greece, Kolokotron Street, Athens, Greece.

Tech. Dig. (USA)
Technical Digest AT&T Technologies Inc., Organization 40AL132000, 555 Union Boulevard, Allentown, PA 18103, USA.

Tech. Inf. Process Autom.-Electr. Power Install. (Germany)
Technical Information. Process Automation-Electrical Power Installations VEB Kombinat Automatisierungsanlagenbau, Rhinstrasse 100, DDR-1140 Berlin, Germany.

Tech. Knih. (Czechoslovakia)
Technicka Knihovna Editorial address: 113 57 Praha 1, Konviktska 5, Czechoslovakia.

Tech. Mess. tm (Germany)
Technisches Messen tm R. Oldenbourg Verlag GmbH, Rosenheimer Strasse 145, 8000 Munchen 80, Germany.

Tech. Mitt. PTT (Switzerland)
Technische Mitteilungen PTT (Bulletin Technique PTT, Bollettino Tecnico PTT) Generaldirektion PTT, Viktoriastrasse 21, 3000 Bern 33, Switzerland.

Tech. Mitt. RFZ (Germany)
Technische Mitteilungen des Rundfunk-und Fernsehtechnischen Zentralamtes Agastrasse, Berlin-Aldershof, Germany.

Tech. Mod. (France)
La Technique Moderne 76 rue de Rivoli, 75004 Paris, France.

Tech. Rep. Inst. At. Energy Kyoto Univ. (Japan)
Technical Reports of the Institute of Atomic Energy, Kyoto University Kyoto, Japan.

Tech. Rep. Kumamoto Univ. (Japan)
Technical Reports of the Kumamoto University Faculty of Engineering, Kumamoto University, Kumamoto, Japan.

Tech. Res. Cent. Finland Electr. & Nucl. Technol. Publ.
Technical Research Centre of Finland Electrical and Nuclear Technology Publication 00180 Helsinki 18, Lonnrotinkatu 37, Finland.

Tech. Serv. Q. (USA)
Technical Services Quarterly Haworth Press Inc., 28 East 22 Street, New York, NY 10010, USA.

Tech Trends (USA)
Tech Trends [Formerly: *Instr. Innovator (USA)*] Association for Educational Communications and Technology, 1126 Sixteenth Street, N.W., Washington, DC 20036, USA.

Technica (Switzerland)
Technica E. Birkhauser, CH-4010 Basel 10, Switzerland.

Technion (Israel)
Technion Israel Institute of Technology, Technion City, Haifa, Israel.

Technol. & Sci. Inf. (GB)
Technology and Science of Informatics [Translation of: *Tech. & Sci. Inf. (France)*] North Oxford Academic Publishing Co. Ltd., 242 Banbury Road, Oxford OX2 7DR, England.

Technol. Forecast. & Soc. Change (USA)
Technological Forecasting and Social Change Elsevier North Holland Inc., 52 Vanderbilt Avenue, New York, NY 10017, USA.

Technol. News (GB)
Technological News Normalair-Garrett Ltd., Yeovil, Somerset BA20 2YD, England.

Technol. Rep. Iwate Univ. (Japan)
Technology Reports of the Iwate University Faculty of Engineering, Iwate University, Morioka, Japan.

Technol. Rep. Kansai Univ. (Japan)
Technology Reports of Kansai University Faculty of Engineering, Kansai University, Senriyama, Suita-City, Osaka, Japan.

Technol. Rep. Kyushu Univ. (Japan)
Technology Reports of the Kyushu University Faculty of Engineering, Fukuoka, Japan.

Technol. Rep. Osaka Univ. (Japan)
Technology Reports of the Osaka University Faculty of Engineering, Osaka University, Yamada-Kami, Suita, Osaka 565, Japan.

Technol. Rep. Seikei Univ. (Japan)
Technology Reports of the Seikei University College of Technology, Seikei University, Musashino-Shi, Tokyo, Japan, Japan.

Technol. Rep. Tohoku Univ. (Japan)
Technology Reports of the Tohoku University Sendai, Japan.

Technol. Rep. Yamaguchi Univ. (Japan)
Technology Reports of the Yamaguchi University Faculty of Engineering, Yamaguchi University, 2557 Tokiwadai, Ube-shi, Yamaguchi 755, Japan.

Tecnica (Portugal)
Tecnica Associacao dos Estudantes do Instituto Superior Tecnico, Av. Rovisco Pais, Lisboa-1, Portugal.

Tecnol. Elettr. (Italy)
Tecnologie Elettriche Interspazio Pubblicita S.r.l., Centro Commerciale Milano, San Felice, 20090 Segrate (Milano), Italy.

Tectonics (USA)
Tectonics American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Tectonophysics (Netherlands)
Tectonophysics Elsevier Science Publishers B.V., P.O.Box 330, 1000 AH Amsterdam, Netherlands.

Teh. Fiz. (Yugoslavia)
Tehnicka Fizika (Journal of Engineering Physics) Universitet u Beograd, Zavod za Fiziku Tehnickih Fakulteta, Rizveltova 1a, 11000 Beograd, Yugoslavia.

Tehnika (Yugoslavia)
Tehnika Beograd, Kneza Milosa 7/11, Yugoslavia.

Tekh. Elektrodin. (USSR)
Tekhnicheskaya Elektrodinamika Izdatel'stvo 'Nauka Dumka', 252601 Kiev GSP, Ul. Repina 3, USSR.

Tekh. Kibern. (USSR)
Tekhnicheskaya Kibernetika [English translation in: *Sov. J. Comput. & Syst. Sci. (USA)*] Akademiya Nauk SSSR, Leninskii Prosp. 14, Moskva, USSR.
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Tekhnika Kino i Televideniya Leningradskii Prospekt 47, Moskva A-167, USSR.

Tekh. Misul (Bulgaria)
Tekhnicheska Misul Bulgarska Akademija na Naukite, Kv. Geo Milev, Ul. 36, BAN, IV Blok, Sofiya, Bulgaria.

Telcom Rep. (Germany)
Telcom Report Siemens Aktiengesellschaft, Hellabrunner Strasse 1, Postfach 103, D-8000 Munchen 90, Germany.

Tele (Swed. Ed.) (Sweden)
Tele (Swedish Edition) Marbackagatan 11, 123 86 Farsta, Sweden.

Tele/Contact (Netherlands)
Tele/Contact Philips Telecommunicatie Industrie BV, P.O.Box 32, 1200 JD Hilversum, Netherlands.

Telecommun. & Radio Eng. Part 1 (USA)
Telecommunications and Radio Engineering, Part 1 (Telecommunications) [Translation of: *Elektrosvyaz (USSR)*] Scripta Technica Inc., 7961 Eastern Avenue, Silver Spring, MD 20910, USA.

Telecommun. & Radio Eng. Part 2 (USA)
Telecommunications and Radio Engineering, Part 2 (Radio Engineering) [Translation of: *Radiotekhnika, Moskva (USSR)*] Scripta Technica Inc., 7961 Eastern Avenue, Silver Spring, MD 20910, USA.

Telecommun. J. (Engl. Ed.) (Switzerland)
Telecommunication Journal (English Edition) International Telecommunications Union, Place des Nations, 1211 Geneve 20, Switzerland.

Telecommun. J. Aust. (Australia)
Telecommunication Journal of Australia Telecommunication Society of Australia, Box 4050, GPO Melbourne, 3001, Victoria, Australia.

Telecommun. Policy (GB)
Telecommunications Policy Butterworth Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

Telecommun. Prod. + Technol. (USA)
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Telekomunikacije Zajednica JPTT, Beograd, Palmotice va 2, Yugoslavia.

Telektronikk (Norway)
Telektronikk Teledirektoratet, Postboks 6701, St. Olavs Plass, Oslo 1, Norway.

Telematics & Informatics (GB)
Telematics and Informatics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.

Teleph. Eng. & Manage. (USA)
Telephone Engineer and Management Harcourt Brace Jovanovich Publications, 124 South First Street, Geneva, IL 60134, USA.

Telephony (USA)
Telephony Telephony Publishing Corp., 55 East Jackson Boulevard, Chicago, IL 60604, USA.

Telesis (Canada)
Telesis Bell-Northern Research, P.O. Box 3511, Station 'C', Ottawa, Ontario K1Y 4H7, Canada.

Teleteknik (Engl. Ed.) (Denmark)
Teleteknik (English Edition) 16 Kannikegade, DK 8000 Aarhus C, Denmark.

Telettra Rev. (Italy)
Telettra Review Telettra S.p.A., Via trento 30, Vimercante, Milano, Italy.

Television (GB)
Television IPC Magazines Ltd., King's Reach Tower, Stamford Street, London SE1 9LS, England.

Television (J. R. Telev. Soc.) (GB)
Television (Journal of the Royal Television Society) Tavistock House East, Tavistock Square, London, WC1H 9HR, England.

Tellus Ser. A (Sweden)
Tellus, Series A (Dynamic Meteorology and Oceanography) Swedish Geophysical Society. Editorial address: Arrhenius Laboratory, S-10691 Stockholm, Sweden.
Supersedes in part: Tellus

Tellus Ser. B (Sweden)
Tellus, Series B (Chemical and Physical Meteorology) Swedish Geophysical Society. Editorial address: Arrhenius Laboratory, S-10691 Stockholm, Sweden.
Supersedes in part: Tellus

Telonde (France)
Telonde Thomson, 173 Boulevard Haussmann, 75379 Paris Cedex 08, France.

Teor. & Eksp. Khim. (USSR)
Teoreticheskaya i Eksperimental'naya Khimiya [English translation in: *Theor. & Exp. Chem. (USA)*] Mezhdunarodnaya Kniga, Moskva, USSR.
INSPEC coverage is from English translation

Teor. & Mat. Fiz. (USSR)
Teoreticheskaya i Matematicheskaya Fizika [English translation in: *Theor. & Math. Phys. (USA)*] Editorial address: Department of Theoretical Physics, Institute of Mathematics, Academy of Sciences of the USSR, Moscow, USSR.
INSPEC coverage is from English translation

Teor. Veroyatn. & Primen. (USSR)
Teoriya Veroyatnostei i ee Primeneniya [English translation in: *Theory Probab. & Appl. (USA)*] Mezhdunarodnaya Kniga, Moskva, USSR.
INSPEC coverage is from English translation

Teploenergetika (USSR)
Teploenergetika [English translation of selected articles in: *Therm. Eng. (GB)*] Krasnokasarmennaya ul., d. 14, Moskva, E-250, USSR.

Teplofiz. Vys. Temp. (USSR)
Teplofizika Vysokikh Temperatur [English translation in: *High Temp. (USA)*] Akademiya Nauk SSSR. 17 Korpus 2, Moskva E-250, USSR.
INSPEC coverage is from English translation

TESLA Electron. (Czechoslovakia)
TESLA Electronics TESLA Electronics and Telecommunications, Karlovo nam. 7, Praha 2, Czechoslovakia.

Test (GB)
Test Network, Printers Mews, Market Hill, Buckingham MK18 1JX, England.

Test & Meas. World (USA)
Test & Measurement World Interfield Publishing Co. Inc., 215 Brighton Avenue, Boston, MA 02134, USA.

Texas J. Sci. (USA)
Texas Journal of Science ASU, San Angelo, TX 76909, USA.

Textautomation (Germany)
Textautomation Basten GmbH, Slossparkstrasse 6, D-5100 Aachen, Germany.

Textures & Microstruct. (GB)
Textures and Microstructures Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

THEOCHEM (Netherlands)
THEOCHEM Elsevier Scientific Publishing Co., P.O.Box 330, 1000 AH Amsterdam, Netherlands.

Theor. & Appl. Fract. Mech. (Netherlands)
Theoretical and Applied Fracture Mechanics Elsevier Science Publishers B.V. (North-Holland), P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Theor. & Exp. Chem. (USA)
Theoretical and Experimental Chemistry [Translation of: *Teor. & Eksp. Khim. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Theor. & Math. Phys. (USA)
Theoretical and Mathematical Physics [Translation of: *Teor. & Mat. Fiz. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Theor. Chim. Acta (Germany)
Theoretica Chimica Acta Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany.

Theor. Comput. Sci. (Netherlands)
Theoretical Computer Science North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Theory Probab. & Appl. (USA)
Theory of Probability and its Applications [Translation of: *Teor. Veroyatn. & Primen. (USSR)*] Society for Industrial and Applied Mathematics, 33 South 17th Street, Philadelphia, PA 19103, USA.

Therm. Eng. (GB)
Thermal Engineering [Translation of: *Teploenergetika (USSR)*] British Library Lending Division, Boston Spa, Wetherby, West Yorks. LS23 7BQ, England.

Thin Solid Films (Switzerland)
Thin Solid Films Elsevier Sequoia, P.O. Box 851, 1001 Lausanne 1, Switzerland.

Thin-Walled Struct. (GB)
Thin-Walled Structures Elsevier Applied Science Publishers Ltd., Crown House, Linton Road, Barking, Essex IG11 8JU, England.

Tidskr. Dok. (Sweden)
Tidskrift for Dokumentation Tekniska Litteratursallskapet, Box 5073, 161 11 Bromma 11, Sweden.

Tijdschr. Ned. Elektron.- & Radiogenoot. (Netherlands)
Tijdschrift van het Nederlands Elektronica- en Radiogenootschap Postbus 39, Leidschendam, Netherlands.

TN Nachr. (Germany)
TN Nachrichten Telefonbau und Normalzeit, Zentrale Mainzer Landstrasse 128-146, Postfach 10 21 60, 6000 Frankfurt 1, Germany.

Today's Off. (USA)
Today's Office Hearst Business Communications Inc., 645 Stewart Avenue, Garden City, NY 11530, USA.

Tohoku Geophys. J. Sci. Rep. Tohoku Univ. Fifth Ser. (Japan)
Tohoku Geophysical Journal, Science Reports of the Tohoku University, Fifth Series Faculty of Science, Tohoku University, Sendai 980, Japan.

Toim. Eesti NSV Tead. Akad. Fuus. Mat. (USSR)
Eesti NSV Teaduste Akadeemia. Toimetised. Fuusika, Matemaatika Sakala 3, Tallinn, Estonia, USSR.

Tokyo Astron. Bull. (Japan)
Tokyo Astronomical Bulletin Tokyo Astronomical Observatory, University of Tokyo, Mitaka, Tokyo, Japan.

Tokyo Astron. Obs. Kiso Inf. Bull. (Japan)
Tokyo Astronomical Observatory, Kiso Information Bulletin Mitaka, Tokyo, Japan.

Tokyo Astron. Obs. Rep. (Japan)
Tokyo Astronomical Observatory Report University of Tokyo, Mitaka, Tokyo, Japan.

Tokyo Astron. Obs. Time & Latitude Bull. (Japan)
Tokyo Astronomical Observatory Time and Latitude Bulletins Mitaka, Tokyo, Japan.

Tool. & Prod. (USA)
Tooling and Production Huebner Publications, 5821 Harper Road, Solon, OH 44139, USA.

Toshiba Rev. (Int. Ed.) (Japan)
Toshiba Review (International Edition) Toshiba Corp., 1, Komuka Toshiba-cho, Saiwai-ku, Kawasaki, Japan.

Toute Electron. (France)
Toute l'Electronique Societe des Editions Radio, 9 rue Jacob, 75006 Paris, France.

Toyo's Tech. Bull. (Japan)
Toyo's Technical Bulletin Toyo Communication Equipment Co. Ltd., 753 Kotani, Samukawa-machi, Koza-gun, Kanagawa 253-01, Japan.

Tr. Inst. Teor. Astron. (USSR)
Trudy Instituta Teoreticheskoi Astronomii Izdatel'stvo 'Nauka', Leningradskoe Otdelenie, 199164 Leningrad, Mendeleevskaya Lin., 1, USSR.

Tr. Ordena Lenina Fiz. Inst. P.N. Lebedeva (USSR)
Trudy Ordena Lenina Fizicheskogo Instituta Im. P.N. Lebedeva [English translation in: *Proc. (Tr.) P.N. Lebedev Phys. Inst. (USA)*] Akademiya Nauk SSSR, Moskva, USSR.
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TRAC Trends Anal. Chem. (Netherlands)
TRAC Trends in Analytical Chemistry Elsevier Scientific Publishing Co., P.O.Box 330, 1000 AH Amsterdam, Netherlands.

Traffic Eng. & Control (GB)
Traffic Engineering & Control Printerhall Ltd., 29 Newman Street, London, W1P 3PE, England.

Train. & Dev. J. (USA)
Training and Development Journal American Society for Training and Development, 1630 Duke Street, Box 1443, Alexandria, VA 22313, USA.

Train. Off. (GB)
Training Officer Marylebone Press Ltd., 25 Cross Street, Manchester M2 1WL, England.

Trait. Signal (France)
Traitement du Signal C.D.R., Centrale des Revues, 11 Rue Gossin, 92543 Montrouge Cedex, France.

Trans. & J. Br. Ceram. Soc. (GB)
Transactions and Journal of the British Ceramic Society Shelton House, Stoke-on-Trent, England.

Trans. Am. Nucl. Soc. (USA)
Transactions of the American Nuclear Society American Nuclear Society, 555 North Kensington Avenue, La Grange Park, IL 60525, USA.

Trans. ASME. J. Appl. Mech. (USA)
Transactions of the ASME. Journal of Applied Mechanics American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME. J. Biomech. Eng. (USA)
Transactions of the ASME. Journal of Biomechanical Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME. J. Dyn. Syst. Meas. & Control (USA)
Transactions of the ASME. Journal of Dynamic Systems, Measurement and Control American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME. J. Energy Resour. Technol. (USA)
Transactions of the ASME. Journal of Energy Resources Technology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME. J. Eng. Gas Turbines & Power (USA)
Transactions of the ASME. Journal of Engineering for Gas Turbines and Power American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME. J. Eng. Ind. (USA)
Transactions of the ASME. Journal of Engineering for Industry American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME. J. Eng. Mater. & Technol. (USA)
Transactions of the ASME. Journal of Engineering Materials and Technology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME. J. Fluids Eng. (USA)
Transactions of the ASME. Journal of Fluids Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME. J. Heat Transfer (USA)
Transactions of the ASME. Journal of Heat Transfer American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME. J. Mech. Transm. & Autom. Des. (USA)
Transactions of the ASME. Journal of Mechanisms, Transmissions, and Automation in Design American Society of Mechanical Engineers, United Engineering Center, 345 East 47th Street, New York, NY 10017, USA.
Supersedes in part: Transactions of the ASME. Journal of Mechanical Design

Trans. ASME. J. Pressure Vessel Technol. (USA)
Transactions of the ASME. Journal of Pressure Vessel Technology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME. J. Sol. Energy Eng. (USA)
Transactions of the ASME. Journal of Solar Energy Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME. J. Tribology (USA)
Transactions of the ASME. Journal of Tribology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.
From Jan. 1985 to April 1986 published under the title Transactions of the ASME. Journal of Tribology Technology

Trans. ASME. J. Tribology Technol. (USA)
Transactions of the ASME. Journal of Tribology Technology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.
Prior to Jan. 1985 and since Apr. 1986 published under title Transactions of the ASME. Journal of Tribology

Trans. ASME. J. Vib. Acoust. Stress & Reliab. Des. (USA)
Transactions of the ASME. Journal of Vibration, Acoustics, Stress, and Reliability in Design American Society of Mechanical Engineers, United Engineering Center, 345 East 47th Street, New York, NY 10017, USA.
Supersedes in part: Transactions of the ASME. Journal of Mechanical Design

Trans. Bose Res. Inst. (India)
Transactions of the Bose Research Institute 93/1 Acharya Prafulla Chandra Road, Calcutta 9, India.

Trans. Electr. Supply Auth. Eng. Inst. N.Z. (New Zealand)
Transactions of the Electric Supply Authority Engineers' Institute of New Zealand Inc P.O. Box 3047, Wellington, New Zealand.

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Transactions of the Indian Institute of Metals 2 Sambhunath Pandit Street, Calcutta 700020, India.

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Trans. Inst. Electr. Eng. Jpn. Part A (Japan)
Transactions of the Institute of Electrical Engineers of Japan, Part A Yuraku-cho, Chiyoda-ku, Tokyo, Japan.
Translation in: Electrical Engineering in Japan. Supersedes in part: Transactions of the Institute of Electrical Engineers of Japan

Trans. Inst. Electr. Eng. Jpn. Part B (Japan)
Transactions of the Institute of Electrical Engineers of Japan, Part B Yuraku-cho, Chiyoda-ku, Tokyo, Japan.
Translation in: Electrical Engineering in Japan. Supersedes in part: Transactions of the Institute of Electrical Engineers of Japan

Trans. Inst. Electr. Eng. Jpn. Part C (Japan)
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Translation in: Electrical Engineering in Japan. Supersedes in part: Transactions of the Institute of Electrical Engineers of Japan

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Transactions of the Institute of Electrical Engineers of Japan, Section E Denki Gakkai, 1-12-1 Yurakucho, Chiyodaku, Tokyo, Japan.
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Trans. Inst. Electron. & Commun. Eng. Jpn. Part A (Japan)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Part A Denshi Tsushin Gakkai, Kikai-Shinko-Kaikan Bldg., 5-8 Shibakoen 3 Chome, Minato-ku, Tokyo 105, Japan.
English translation of selected articles appear in Electronics and Communications in Japan and Systems-Computer-Controls

Trans. Inst. Electron. & Commun. Eng. Jpn. Part B (Japan)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Part B Denshi Tsushin Gakkai, Kikai-Shinko-Kaikan Bldg., 5-8 Shibakoen 3 Chome, Minato-ku, Tokyo 105, Japan.
English translation of selected articles appear in Electronics and Communications in Japan and Systems-Computer-Controls

Trans. Inst. Electron. & Commun. Eng. Jpn. Part C (Japan)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Part C Denshi Tsushin Gakkai, Kikai-Shinko-Kaikan Bldg., 5-8 Shibakoen 3 Chome, Minato-ku, Tokyo 105, Japan.
English translation of selected articles appear in Electronics and Communications in Japan and Systems-Computers-Controls

Trans. Inst. Electron. & Commun. Eng. Jpn. Part D (Japan)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Part D Denshi Tsushin Gakkai, Kikai-Shinko-Kaikan Bldg., 5-8 Shibakoen 3 Chome, Minato-ku, Tokyo 105, Japan.
English translation of selected articles appear in Electronics and Communications in Japan and Systems-Computers-Controls

Trans. Inst. Electron. & Commun. Eng. Jpn. Sect. E (Japan)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Section E (English) Denshi Tsushin Gakkai, Kikai-Shinko-Kaikan Bldg., 5-8 Shibakoen 3 Chome, Minato-ku, Tokyo, Japan.
Contains original contributions in English and abridged version in English of papers and letters published in Japanese in Transactions of the Institute of Electronics and Communications Engineers of Japan, Parts A, B, C and D

Trans. Inst. Eng. Aust. Civ. Eng. (Australia)
Transactions of the Institution of Engineers, Australia, Civil Engineering 11 National Circuit, Barton, A.C.T. 2600, Australia.

Trans. Inst. Eng. Aust. Mech. Eng. (Australia)
Transactions of the Institution of Engineers, Australia, Mechanical Engineering 11 National Circuit, Barton, A.C.T. 2600, Australia.

Trans. Inst. Meas. & Control (GB)
Transactions of the Institute of Measurement and Control 20 Peel Street, London W8 7DP, England.

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Transactions of the Institute of Metal Finishing Exeter House, 48 Holloway Head, Birmingham B1 1NQ, England.

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Trans. Jpn. Assoc. Refrig. (Japan)
Transactions of the Japanese Association of Refrigeration San-ei Building, 8 San-ei-cho, Shinjuku-ku, Tokyo 160, Japan.

Trans. Jpn. Inst. Met. (Japan)
Transactions of the Japan Institute of Metals Japan Institute of Metals, Aoba Araniaki, Sendai 980, Japan.

Trans. Jpn. Soc. Aeronaut. & Space Sci. (Japan)
Transactions of the Japan Society for Aeronautical and Space Sciences Kokukaikan-bunkan, 1-18-2 Shinbashi, Minato-ku, Tokyo 105, Japan.

Trans. Korean Inst. Electr. Eng.
Transactions of the Korean Institute of Electrical Engineers 11-4 Soopyo-dong, Chung-ku, Seoul 100, Korea.

Trans. Natl. Res. Inst. Met. (Japan)
Transactions of National Research Institute for Metals 3-12, 2-chome, Nakameguro, Meguro-ku, Tokyo, Japan.

Trans. R. Soc. Can. (Canada)
Transactions of the Royal Society of Canada (Memoires de la Societe Royale du Canada) 344 Wellington Street, Ottawa K1A ONA, Canada.

Trans. S. Afr. Inst. Electr. Eng. (S. Africa)
Transactions of the South African Institute of Electrical Engineers Kelvin Publications, Loveday Street, P.O. Box 2988, 2000 Johannesburg, South Africa.

Trans. SAEST (India)
Transactions of the Society for Advancement of Electrochemical Science and Technology Cecrinagar, Karaikudi-3, Tamil Nadu, India.

Trans. Soc. Comput. Simulation (USA)
Transactions of the Society for Computer Simulation Simulation Councils Inc., P.O.Box 2228, La Jolla, CA 92038, USA.

Trans. Soc. Instrum. & Control Eng. (Japan)
Transactions of the Society of Instrument and Control Engineers Hongo-1-35-28-303, Bunkyo-ku, Tokyo 113, Japan.

Trans. Zimbabwe Sci. Assoc.
Transactions of the Zimbabwe Scientific Association P.O.Box 8351, Causeway, Harare, Zimbabwe.

Transducer Technol. (GB)
Transducer Technology Industrial Media (DP&A) Ltd., Blair House, High Street, Tonbridge, Kent TN9 1RE, England.

Transelektro News (Hungary)
Transelektro News Hungarian Trading Co. for Electrical Equipment and Supplies, Budapest 62, PO Box 337, Hungary.

Transm. & Distrib. (USA)
Transmission and Distribution Cleworth Publishing Co., One River Road, Cos Cob, CT 16807, USA.

Transnatl. Data & Commun. Rep. (USA)
Transnational Data and Communications Report [Formerly: *Transnatl. Data Rep. (Netherlands)*] Transnational Data Reporting Service Inc., P.O.Box 2039, Springfield, VA 22152, USA.

Transnatl. Data Rep. (Netherlands)
Transnational Data Report [Title changed to: *Transnatl. Data & Commun. Rep. (USA)*]

Transp. Environ. Circ. (France)
Transport Environnement Circulation 38 Avenue Emile-Zola, 75015 Paris, France.

Transp. Plann. & Technol. (GB)
Transport Planning and Technology Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, England.

Transp. Res. Part A (GB)
Transportation Research, Part A (General) Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.
Supersedes in part: Transportation Research

Transp. Res. Part B (GB)
Transportation Research, Part B (Methodological) Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England.
Supersedes in part: Transportation Research

Transp. Sci. (USA)
Transportation Science Operations Research Society of America, 428 East Preston Street, Baltimore, MD 21202, USA.

Transp. Theory & Stat. Phys. (USA)
Transport Theory and Statistical Physics Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA.

Trends Telecommun. (Netherlands)
Trends in Telecommunications AT&T and Philips Telecommunications B.V., Internal and External Relations, P.O.Box 1168, 1200 BD Hilversum, Netherlands.

Trenie & Iznos (USSR)
Trenie i Iznos [English translation in: *Sov. J. Frict. & Wear (USA)*] Naukova Tekhnika, Minsk, USSR.
INSPEC coverage is from English translation

Tribology Int. (GB)
Tribology International Butterworth Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

TSS & TSS News (Egypt)
TSS and TSS News Mr. Kamal Gohar, 24 Lmer Street, Dokki-Giza, Cairo, Egypt.

Tud. & Musz. Tajek. (Hungary)
Tudomanyos es Muszaki Tajekoztatas Orszagos Muszaki Konyvtar es Dokumentacios Kozpont, Budapest VIII, Reviczky u. 6, Hungary.

Ukr. Fiz. Zh. (USSR)
Ukrayins'kyi Fizychnyi Zhurnal 'Naukova Dumka', Kiev, Repina 3, USSR.

Ultramicroscopy (Netherlands)
Ultramicroscopy North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Ultrason. Imaging (USA)
Ultrasonic Imaging Academic Press Inc., 1 East First Street, Duluth, MN 55802, USA.

Ultrasonics (GB)
Ultrasonics Butterworth Scientific Ltd., Journals Division, P.O.Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England.

Ultrasound Med. & Biol. (GB)
Ultrasound in Medicine & Biology Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England.

Und-oder-Nor & Steuerungstech. (Germany)
Und-oder-Nor & Steuerungstechnik Distribution-Verlag GmbH, 65 Mainz, Lessingstrasse 12-14, Germany.

Union Burma J. Sci. & Technol.
Union of Burma Journal of Science and Technology Union of Burma Applied Resrarch Institute, Yankin P.O., Rangoon, Burma.

Unisphere (USA)
Unisphere Unisphere Publishing Co. Inc., 8533 Ferndale, Suite 202, Dallas, TX 75238, USA.

Univ. Comput. (GB)
University Computing Published in association with Inter-University Committee on Computing by Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 0EL, England.

Univ. Tripoli Bull. Fac. Eng. (Libya)
University of Tripoli Bulletin of the Faculty of Engineering P.O. Box 1098, Tripoli, Libya.

Univac Technol. Rev. (Japan)
Univac Technology Review Japan Univac Users Association, 2-17-51, Akasaka, Minato-ku, Tokyo 107, Japan.

Unmanned Syst. (USA)
Unmanned Systems Association for Unmanned Vehicle Systems, 1133 Fifteenth Street, N.W., Washington, DC 20005, USA.

Usp. Fiz. Nauk (USSR)
Uspekhi Fizicheskii Nauk [English translation in: *Sov. Phys.-Usp. (USA)*] Agent: Mezhdunarodnaya Kniga, Moskva, USSR.
INSPEC coverage is from English translation

USSR Comput. Math. & Math. Phys. (GB)
U.S.S.R. Computational Mathematics and Mathematical Physics [Translation of: *Zh. Vychisl. Mat. & Mat. Fiz. (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England.
INSPEC coverage is from original Russian journal

Vac News (India)
Vac News Indian Vacuum Society, c/o Technical Physics Division, Bhabha Atomic Research Centre, Trombay, Bombay 400 085, India.

Vac. Sci. & Technol. (China)
Vacuum Science and Technology (Zhenkong Kexue Yu Jishu) Vacuum Science and Technology Publishing House, P.O.Box 5105, Beijing, People's Republic of China.

Vacuum (GB)
Vacuum Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England.

Vak.-Tech. (Germany)
Vakuum-Technik Rudolf A. Lang Verlag, Postfach, 6270 Idstein/Taunus, Germany.

VAX Prof. (USA)
VAX Professional M Systems Inc., 921 Bethlehem Pike, Springhouse, PA 19477, USA.

VDE Fachber. (Germany)
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